UNIVERSITY OF
ILLINOIS LIBRARY
AT URBANA-CHAMPAIGN
BOOKSTACKS

Digitized by the Internet Archive
in 2014

https://archive.org/details/worldalmanacbook1900unse

IE OMING LIGHT! The Becklight.

THE ONLY SAFE AND

orrect Process of Generating Acetylene Gas.

IDEAL OF SCIENTISTS, CHEMISTS, ENGINEERS, AND EXPERTS.

---

the cut we present to the public an apparatus of unusual merit. The construction of the machine is such that it is a physical impossibility to generate sufficient gas to produce a ater pressure than is needed for its normal operation. For the same capacity the generator nly one-tenth the size of other generators. As will be seen, the Carbide is in a separate com-tment and a distance above the water receptacle. Automatically a small quantity falls into water below, and as the gas is liberated from the Carbide by its contact with the water, the ht pressure produced by the gas inflates the gasometer, and automatically shuts off the feed arbide until the gas in the gasometer is let off through the service-pipes and used, and then utomatically drops another small quantity, and repeats the operation indefinitely until you nguish the light by turning the gas off at the burner, when it automatically closes the feed ll you use the gas again. The turning off of your burner will arrest the feed, and turning it utomatically start it; therefore it is plain that when no Carbide is fed there can be no gen-ion of gas. Our machine is hermetically sealed, and consequently there can be no escape as or odors.

ADVANTAGES.

olute safety.

escape of gas or other lors.

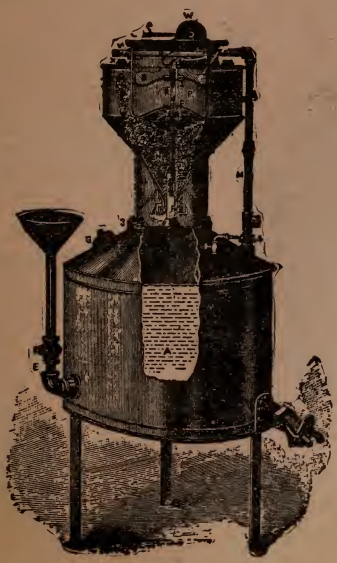
olute automatic con-ol of generation.

temperature and dis-ation of heat pro-iced by the reaction Carbide in water by e excess or large quan-y of water into which falls.

and uniform pressure machine at all times.

action of every par-le of gas in the Car-le.

eration of cool Acety-ne and dry gas.



ADVANTAGES.

Maximum evolution of Acetylene gas from a given quantity of Carbide.

No polymerization, which decomposes Acetylene and produces bad effects.

No so-called carbonization of burners.

No condensation or deposits in the pipes.

Practically odorless residue.

No removal of Carbide holder.

No necessity for separating machine.

Ease in charging and removal of residue.

Simplicity of construction.

And other advantages too numerous to mention.

The Acetylene Generator Manufacturing Co.,

107 BELL BLOCK, . . . CINCINNATI, OHIO.

ACETYLENE GAS.

...Best and Cheapest Light Known.

We can light anything from an office to a city.

Our Generator has been on the market for the past three years and we have them installed from coast to coast.

Write us for descriptive circular and prices, and mention "World Almanac."

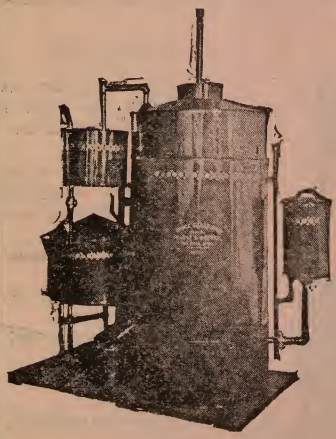
THE BEST OF REASONS

Why You Should Be Prejudiced in Favor of

THE BRUCE GENERATOR.

1. Our Generator has a compartment carbide container, the water acting on but one pocket at a time, hence the whole charge is not brought in contact with the water at once; thus no waste of gas, no heating of generator.

2. You can always tell by the water tank when your machine needs re-charging. There is no guessing whether you have carbide enough in for another night or not.



3. There are no valves to be opened or closed by forks, ratchets, or levers. It is extremely simple, and as certain of operating as the fact that water runs down hill.

4. Our Gasometer has no labor to perform, thus insuring at all times the same even pressure —a feature seldom found.

5. There is no chance to forget to drain this plug or that vent, as all pipes are self-draining to the condensing chamber.

6. Our Gasometers for same rated capacity are the largest on the market, and will hold a large supply. It saves.

7. **The Bruce Generator** is bolted to a platform, making it easy to handle for installing.

8. **The Bruce Generator** when left to do its own work will not blow off or waste the gas.

9. Our Water Feed, on which we have been allowed a patent, has no equal.

10. Not least, but greatest. Our Purifier takes out all moisture and impurities from the gas, making it impossible for pipes to clog up or the burners to choke up and smoke.

The Bruce Generator Co.,

Office and Factory, 185 to 188 West Third St., St. Paul, Minn.

DRAKE'S ADJUSTABLE ACETYLENE BURNER.

Can be turned to any size flame to one candle power by means of the little valves, one of which may be closed entirely and the other one reduced to a flame as small as desired for a night light without smoking, carbonizing, or producing a sluggish flame.

The diverging stems are so arranged that they can be turned into alignment in an instant.

The points of the little valves may be forced up through the little hole where the gas is liberated from the rear, removing any obstruction without being obliged to extinguish the whole flame.

Patents Pending in the U. S. and Principal Foreign Countries.
Send for Descriptive Circular and Prices.

Manufactured and for sale only by the

DRAKE ACETYLENE APPARATUS CO.,

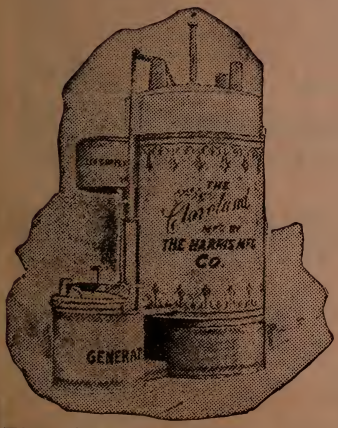
35 Hathaway Street, - - - - Cleveland, Ohio,

Or its Agents.

Mention WORLD ALMANAC.

WHY ? ? ? ? ?

The "CLEVELAND" Automatic Acetylene Gas Generator



Is a Necessity in

EVERY HOME, CHURCH, STORE, OR FACTORY.

BECAUSE it produces a far more beautiful and steadier light than coal-gas or electricity.

BECAUSE this light is not injurious to the eyes, and by its rays the most delicate shades of color can be distinguished as by day.

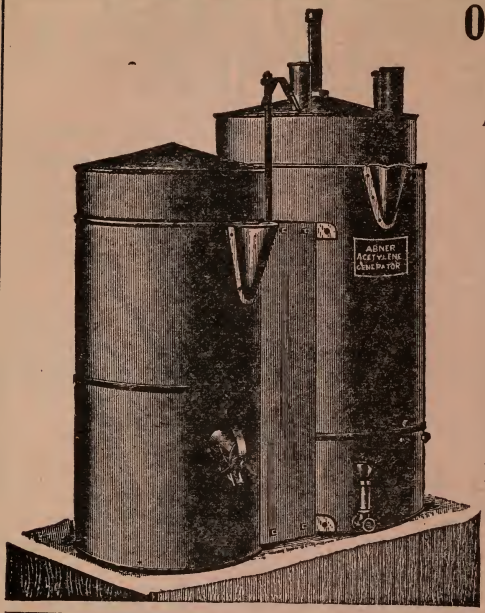
BECAUSE the "CLEVELAND" is absolutely safe—not a valve in entire machine to become clogged.

BECAUSE it generates only pure, cool gas and extracts maximum amount of gas from the carbide.

BECAUSE it is the BEST Acetylene Gas Generator on the market, and approved by all the Underwriters' Associations.

Write for Catalogue and further particulars.
Mention WORLD ALMANAC.

THE HARRIS MFG. CO., - - 49 Middle Street, Cleveland, Ohio.



Our Special Claims

FOR THE

"ABNER"

ACETYLENE GAS GENERATOR.

Simplicity.
Economy.
No Heat.
No Rubber Gaskets Used.
No Stuff Boxes Used.
Better Gas.
Whiter Light.
Cannot Be Overcharged.
No Gas Valves.
Small Floor Space.
Easily Cleaned and Refilled.
More Gas from Carbide.
No Overproduction of Gas.

ABNER GAS COMPANY,
50 Franklin St., Chicago, Ill.

Mention WORLD ALMANAC.

It Adjusts Itself.

The handsomest, handiest, and best Woven Wire Fence for parks, lawns, cemeteries, or fields is the **Randall Woven Loop Wire Fence.** Easiest to put up—may be taken down and put up any number of times; can't sag nor get out of shape, never kinks.
Write for Illustrated Catalogue and Sample. Mention WORLD ALMANAC.

RANDALL FENCE CO., Le Roy, N. Y.

Woven Wire Fence

For Farm, Railroad, and Any Other Purpose.

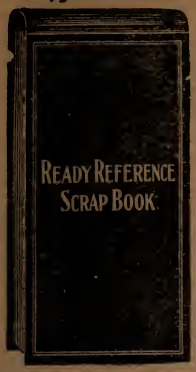
Shipped in bundles ready to erect.
Best contraction and expansion device made.
Heavy Wires used exclusively.

Catalogue Free.
Sample Free.

PITTSBURGH WOVEN WIRE FENCE CO., - - Pittsburgh, Pa.

4½ INCHES.

10½ INCHES.



READY REFERENCE SCRAP BOOK

For Newspaper Clippings.

CAPACITY 35,000 AGATE LINES.

Size of Book, 4½ x 10½ inches.

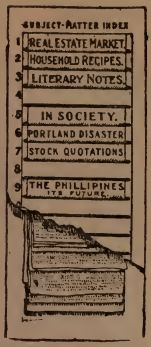
A PERFECT INDEX PLAN.

A SCRAP IS FILED by passing the top containing the caption through a slot from the back of the leaf and attaching it to the front surface, which is gummed. The caption alone shows upon the leaf and indexes the article. The body, which remains in the back, is read by turning the leaf over and up to the slot through which it protrudes. The leaves are of fine linen stock, and the binding of cloth substantially put together.

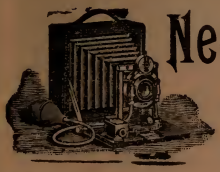
THIS SMALL BOOK will file 15 clippings (from one inch to one column in length) to the page, and takes the place of the usual large volume. One of the few novelties worth investigating. Sent to any address on receipt of One Dollar.

Postage stamps or money order preferred.

CHAS. E. ELY, 56 Warren St., N. Y.



Sample page which explains itself.



New York Camera Exchange,

J. H. & J. ANDREWS, Proprietors.

Our Business is buying, selling, and exchanging Cameras and Lenses.

Your Business to know where you can SAVE MONEY, get what you need in the Photographic Supply line at LOWEST PRICES.

We save you from 10 to 50% on prices of other dealers ON NEW GOODS. Send 2-cent stamp for 72-page Bargain List.

Branches: {41 FULTON ST., N. Y. / 56 EAST 23d ST., N. Y.

114 FULTON STREET.

PREVENTS RUST.

Cleans and Polishes.

Lubricates (without gumming).

Use **3 in One**

For Bicycles, Guns, Typewriters, Sewing Machines, Skates, Locks, Clocks, Etc.

Polishes Pianos and Furniture.

Cleans and Removes all Residue in Gun Barrels after shooting.

FREE SAMPLE. Send 2c. stamp to pay postage.

G. W. COLE CO.,
Dept. O, 141 Broadway, New York.

WILLIAM A. FORCE & COMPANY,

Railroad and Commercial Dating Stamps.

CONSECUTIVE NUMBERING MACHINES.

59A Beekman Street, New York.

Increase Your Salary!

Send 15 cts. for 3 months' trial subscription to

"THE BOOK-KEEPER."

A handsome monthly magazine for Book-keepers, Cashiers, and Business Men. It will teach you Book-keeping, Shorthand, Penmanship, Law, Short Cuts, Corporation Accounting, Banking, Business Pointers, Amusing Arithmetic, Lightning Calculations, etc. $1.00 A YEAR.

The Book-Keeper Co. Ltd

E. H. BEACH, Editor. 169 Buhl Block, Detroit, Mich.

WE BUY OUR

Moulding and Drying Blankets

OF

H. R. HALLETT,

STEREOTYPE SUPPLIES,

Box 1056. BOURSE BUILDING, PHILA., PA.

The Cyclists' Favorite Resort. **MINDEN'S ROAD HOUSE.** Cycle Path, Brooklyn Boro.

Excellent Restaurant. Reasonable Charges. M. MINDEN, Proprietor. Telephone, 43 B Parkville.

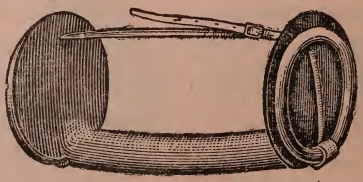
Manufacturers to Users Direct.

WE MAKE AND SELL THE

Only All-Leather Mouth Bit

IN THE MARKET THAT WILL STAND ALL KINDS OF USAGE.

Look at the Cut. It shows what it is. Why not use it? Good for all seasons of the year.



THE EASIEST AND BEST BIT EVER MANUFACTURED FOR THE HORSE.

The Price Is Only 85 Cents, and We Pay the Postage.

TRY ONE AND YOU WILL USE NO OTHER.

Send Stamps or P. O. Money Order to the

Leather Mouth Bit Co.,

Newark, N. J., U. S. A.

A handsome mantel in the most fashionable color—Golden Oak. Veneered columns, with elaborately carved capitals. The mirror is furnished in fancy pattern, oval or square in the best bevelled glass. Highest possible piano polish. The timber, quarter-sawed oak, was selected for its fine figure and grain.

The Best

Quarter-Sawed
Golden Oak
Veneered Column

Mantel

ever sold for

$35.00.

A Sample of the Wood Sent Free.

Also Handsomely Illustrated Catalogue.

Having secured, as manufacturers, our raw material previous to the recent advance, we are able to offer this mantel at the lowest possible price. It cannot be duplicated anywhere at anything like this figure.

We pay freight to all points East of the Mississippi River and North of South Carolina.

Our extensive line of mantels includes many exquisite designs at prices ranging from $10.00 up. The catalogue describes them fully.

ALCOTT, ROSS & SCULLY CO.,
2973 N. Broad Street, PHILADELPHIA.

DID YOUR PIPES BURST LAST WINTER?

You Can Prevent It in Future.

The Pneumatic Dome Anti-Bursting Pipe System will absolutely prevent the bursting of water pipes when frozen, and will do away with Water-Hammer.

SIMPLE! DURABLE!
EASILY INSTALLED!

Based on thoroughly Scientific and Practical Principles, and perfected by long and careful experimentation.

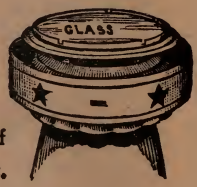
Send for illustrated booklet, and read indorsements of Scientists and Experts.

THE PNEUMATIC DOME MANUFACTURING CO.,
Cor. 5th and E Streets, N. W., - - - Washington, D. C.

The "STAR" Ventilator.

Ornamental, Storm-proof, Effective. For Ventilating Churches, Schools, Hospitals, also Cotton and Woollen Mills, Steam and Electric Power-Houses. Our illustrated booklet mailed free on application.

Combination Skylight "STAR" Ventilator.



Light and Pure Air are attained without sacrificing the storm-proof qualities. Ample provision is made for shedding of water, etc.

MERCHANT'S HIGH GRADE ROOFING PLATES.

The Brands are: "Merchant's Old Method," "Merchant's Roofing," "American Old Style Camaret" Alaska."

Made Exclusively by the Palm Oil Process. Each Sheet Stamped.

Philadelphia, New York. MERCHANT & CO., Inc. Brooklyn, Chicago.

Royal Navy Deck Paint.

THE FINEST FLOOR PRESERVATIVE.

We believe this Paint to be the Most Durable Floor Paint in the world. It cost the discoverer $10,000 to perfect. Dries hard enough to walk on in six hours. For verandas, floors, stairways, kitchens, and public halls.

It Presents a Hard, Glossy Surface, to Withstand Rubbing, Scrubbing, Walking, and All Kinds of Weather.

MANUFACTURED SOLELY BY

THE McLENNAN-FRENCH PAINT CO., LTD.,

Head Office and Works: 160-180 RAND ST., BUFFALO, N. Y.

Send us a postal for a Handsome Color Folder and our book, "Paint and How to Use It." Free.
See that the brand ONYX is on every package.
Mention this publication when writing.

Branches: New York, Chicago, St. Louis, Columbus, O.

HARTMAN STEEL PICKET ROD FENCE.

FOR LAWNS, CEMETERIES, SCHOOLS, CHURCHES, ETC.

A copy of the above quaint picture, printed on heavy paper, suitable for framing, sent for a 2-cent stamp. Catalogue free.

MADE ONLY BY

HARTMAN MFG. CO., of Ellwood City, Pa.

N. Y. Office, Room 1001, 309 Broadway, New York City.

Make an Early Season By Using Our.....

AGRICULTURAL DRAIN TILE.

Every man of experience knows that land that is TILE-DRAINED may be worked weeks in advance of that which is UNDRAINED.

We make all kinds of Tile and Sewer Pipe, Red Pressed Brick, Fire Brick, Chimney Tops, Flues, Encaustic Sidewalks, etc. ☞ Write for what you want.

JOHN H. JACKSON, 91 Third Ave., Albany, N. Y.

O. E. WEIDLICH, Manufacturer of the Best.....

GOLD PENS, FOUNTAIN PENS, STYLOGRAPHIC PENS, PEN HOLDERS, ETC.

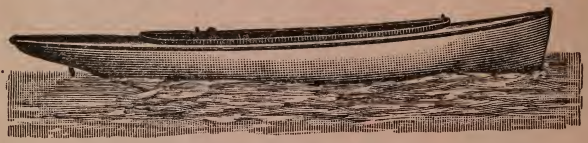
Manufactured for the Trade, and Patentees.

Estimates on Holders and Pens Separately. Special Prices on Quantities.

NEVADA BUILDING, - - - - - - - - - - - - CINCINNATI, O.

Send for Catalogue and Discounts.

PIERCE VAPOR LAUNCHES.



Simple, Safe, Reliable, and Fully Guaranteed.

We build and carry in stock all sizes from 14 to 22 ft., larger sizes to order. Send for our Illustrated Catalogue, stating size wanted.

PIERCE ENGINE CO., 40 Clark St., Racine, Wis.

PORTABLE PHOTOGRAPH MACHINE.

Persons with Small Capital can make Money. Others have. Why not You?

PRICE ONLY $75.00.

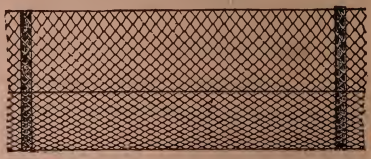
Or will Lease with Privilege of Purchasing.

WRITE FOR FULL PARTICULARS.

National Photograph Machine Co.,
Manufacturers of the above machine and dry ferrotype tin plates
85 Beaver Street, - New York.

BUY THE BEST.

Gold Medal and Diploma awarded at the Columbian Exposition, Chicago, 1893.



For Farm Fencing our
Patent Poultry Netting,
Plain and Ornamental Gates,
Automatic Drive Gates,
Lawn Fencing, etc.

Mention WORLD ALMANAC, and send for catalogue.

THE DETROIT FENCE CO.,
19 E. Atwater Street,
Detroit, Mich.

"REX" IS KING!

The "Rex" Fire Extinguisher is the only chemical fire extinguisher that

CANNOT GET OUT OF ORDER.
NO VALVES OR STOP COCKS TO CORRODE.
NO COMPRESSED AIR TO ESCAPE.
ALWAYS READY FOR INSTANT USE.

The Rex Fire Extinguisher Co.,

145 CENTRE STREET, New York.

Hand Extinguishers for Homes, Fire Departments, Passenger Cars, Steamboats and Factories, Hand and Horse Chemical Engines.

IN USE IN New York State Hospitals, Deaf and Dumb Asylums, Blind Asylums, Normal Schools, Industrial Schools, Custodial Homes, Soldiers' Homes, Reformatories, U. S. Post-Offices, City Buildings, Theatres and Opera Houses, Masonic Buildings, City and Summer Hotels, Railroad and Steamship Companies, American Biscuit Co., 30 plants; American Mfg. Co., 5 plants; American Book Co., Alaska Commercial Co., Stock Yards, Match Companies, Fireworks Companies, Electric Light Companies, Hardware Manufactories, Oil and Varnish Manufactories, Cotton and Woollen Mills, Bicycle Manufactories, Lumber and Planing Mills, Breweries and Malt Houses, Summer Homes, and Private Houses, FIRE DEPARTMENTS.

The "Rex" is indorsed by MORE Boards of Fire Underwriters and Insurance Companies THAN ALL OTHER EXTINGUISHERS COMBINED. Send for circulars.
AGENTS WANTED IN ALL PARTS OF THE UNITED STATES.

CANNOT GET OUT OF ORDER

ALWAYS READY FOR INSTANT USE.

THE UNDERWRITERS' FIRE EXTINGUISHER.

Officially Indorsed by 26 Boards of Underwriters.

Used by the United States Government, New York Fire Department, Standard Oil Company,

And by Leading Concerns and Institutions generally. THE WORLD Building and other Large Buildings are equipped with it. A Perfect Protection also for Fine Residences.

A. C. ROWE, - - 280 Broadway, New York.

(Patented 1895—1898.)
Send for Circulars.

J. CONDON,

HORTICULTURIST.

Office, 734 and 736 Fifth Avenue, BROOKLYN, N. Y.

Telephone, 27 South. Mail Orders Receive Prompt Attention.

Plots and Graves in Greenwood Improved and Cared For.

Some of the Principal Plots in Charge.

ESTATES.

James Gordon Bennett.
H. B. Claflin.
Don Tomas Terry.
Capt. Correja.
Wm. Tilden Blodgett.
Gen. Dakin.
A. S. Barnes.
Henry C. Murphy.
Chas. A. Lamont.
Theodore Stewart.
Henry Ward Beecher.
Peter Gilsey.
D. Appleton.
Geo. R. Howell.

Some of the Principal Plots in Charge.

PLOTS.

C. L. Tiffany.
J. H. McKee.
C. T. Yerkes (Chicago).
Hon. B. F. Tracy.
Geo. Bliss (Morton & Bliss).
Crocker Brothers.
Jas. Hanan.
Rev. T. A. Nelson, D.D.
Robert Bonner.
John Brooks (Brooks Bros.)
Rev. A. J. Lyman, D.D.
Rev. R. R. Meredith, D.D.
And over 1000 others.

Greenhouses 291 to 313 24th St. and Franklin Ave., opp. Eastern Cemetery Entrance. . . . . .

ARTISTIC FLORAL DECORATIONS.

Estimates Furnished and Contracts made for Weddings and House Floral Decorations. . . . .

LONG ISLAND.

Healthy Homes of Easy Access.

GOOD AIR. GOOD WATER. GOOD ROADS.

Splendid Train Service with Fast Express Trains to All Important Points. . . . .

The LONG ISLAND RAILROAD has greatly augmented its train schedule, giving rapid and ample accommodations to all sections of the Island; has, by the use of ballast and petroleum, eliminated the dust nuisance, and reduced to a minimum the running time and discomforts of railroad travel. The liberal policy of the company has been recognized by the public, and will be continued.

The Island has a wonderful diversity of natural attractions, and those seeking permanent homes can find on the level South Shore, or on the rolling North Shore, beautiful sites on which to build.

To the raisers of fruits and vegetables the Island offers excellent facilities, with a great market close at hand.

For those seeking rest and recreation for the Summer there is no territory better suited to fill every desire.

RIDERS, DRIVERS, and CYCLISTS have hundreds of miles of improved roads, and nowhere else has Good Roads work been advanced so rapidly. Fine side paths and cycle paths branching out in every direction, to the ocean and through the woods, entitle the Island without question to its name of the

CYCLISTS' PARADISE.

For illustrated books, cyclists' handbook, or special information, address

H. M. SMITH,
Traffic Manager,
Long Island City.

H. B. FULLERTON,
Special Agent Pass. Dept.,
Long Island City.

LARGEST PREPARATORY SCHOOL IN THE UNITED STATES

NEW YORK PREPARATORY SCHOOL

15 West 43d Street
Near Fifth Avenue
New York

200 Joralemon Street
Cor. Court Street
Brooklyn

DAY AND EVENING SESSIONS for young men and women.

Law, medical, dental, and veterinary students thoroughly and rapidly prepared for REGENTS EXAMINATIONS

REGULAR courses are held in ancient and modern languages, mathematics, physics, chemistry, literature, stenography, etc. Students prepared for colleges and scientific schools, United States, State, and municipal civil service, teachers' license, and other examinations. Students range in age from 15 to 50 years.

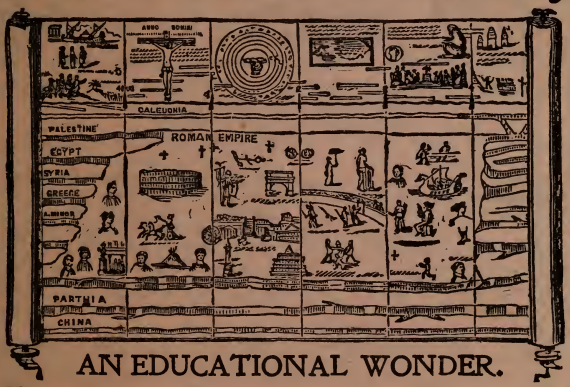
PRIVATE TUTORS FURNISHED WHEN DESIRED

ANNUAL CATALOGUE AND PAMPHLET, "SUCCESS IN REGENTS EXAMINATIONS," sent on application to the registrar.

SAMUEL F. BATES, Registrar

Principal: E. E. CAMERER, Ph. B., LL. B.
ASA O. GALLUP, B. A. (Yale), President Board of Directors

Adam's Chart of History.



AN EDUCATIONAL WONDER.

6,000 Years of History Without Books. Every Half Inch Across the Chart 10 YEARS BIBLE and GENERAL HISTORY.

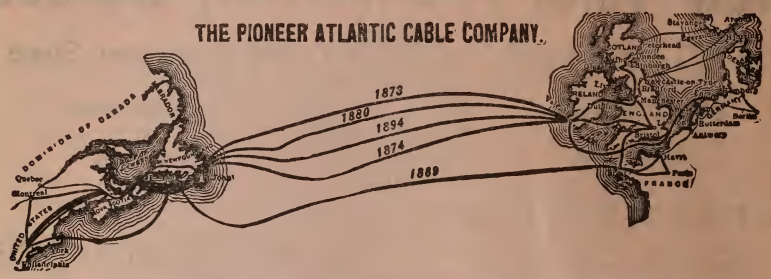
The most suitable PRESENT for *Child, Parent, Pastor,* or *Teacher.* New Edition, just out. Illustrated in colors. Descriptive Circular on Application. Order now. Mention WORLD ALMANAC.

COLBY & CO., Publishers,

39 Cortlandt St., Room 111, New York.

ANGLO-AMERICAN TELEGRAPH COMPANY, LTD.,

ESTABLISHED 1866.



Direct Communication Between America and Europe by Five Cables.

AUTOMATIC DUPLEX SYSTEM.

THE ONLY DIRECT ROUTE TO GERMANY.

Telegrams can be forwarded "VIA ANGLO CABLES," to Europe, Egypt, East and West Coasts of Africa, Turkey, India, China, Cochin China, Corea, Manila, Japan, Australia, New Zealand, South America, Zanzibar, Mozambique, Arabia, Cape of Good Hope, Cape Verde, Madeira, and the Canary Islands, etc., etc.,

FROM THE FOLLOWING AMERICAN STATIONS:

NEW YORK OFFICES:
- Basement of Stock Exchange,
- 8 Broad Street, Telephone No. 2431 Cortlandt.
- 16 Beaver Street, " " 870 Broad.
- 445 Broome Street, " " 691 Spring.

MONTREAL OFFICE: 52 St. Francois Xavier Street, Tele. No. Bell 1027.

OFFICES IN EUROPE:

LONDON: 24 Throgmorton Street, E. C.
" 71 Old Broad Street, "
" 109 Fenchurch Street, "
" 46 Mark Lane, "
" 2 Northumberland Avenue, Charing Cross, W C.
" Hay's Wharf, Tooley Street, S. E.
LIVERPOOL: A1 The Exchange.
BRADFORD: 10 Forster Square.
BRISTOL: Back Hall Chambers, Baldwin Street.
DUNDEE: 1 Panmure Street.
EDINBURGH: 106 George Street.
GLASGOW: 29 Gordon Street.
LEITH: Exchange Buildings.
MANCHESTER: 7 Royal Exchange, Bank St.
NEWCASTLE-ON-TYNE: 1 Side.
PARIS AGENCY: 12 Rue de Caumartin.
HAVRE: 118 Boulevard Strasbourg.

THE SHORTEST AND QUICKEST ROUTES ACROSS THE ATLANTIC.

Used by all the principal stockbrokers of New York, London, Liverpool, etc., to whom the QUICKEST OBTAINABLE SERVICE is essential.

THIS COMPANY, whose CARRYING CAPACITY IS FAR IN EXCESS OF ANY OTHER ATLANTIC CABLE COMPANY, is naturally favorable to the MAINTENANCE OF A LOW RATE WITH AN INCREASING VOLUME OF TRAFFIC.

THE MUTUAL LIFE INSURANCE COMPANY OF NEW YORK.

RICHARD A. McCURDY, President.

HAS PAID TO POLICY HOLDERS

Over $500,000,000 Millions

Since the date of its organization.

Its Present Assets

Amount to more than $290,000,000.

The . . . .

Twenty-Year Distribution Policy

Issued by this Company affords maximum security at a minimum cost.

THE MUTUAL LIFE INSURANCE COMPANY

Issues every desirable form of policy.

For detailed information apply to any of the Company's authorized agencies, which may be found in every city and town of the United States.

The Scriven Improved Elastic Seam Drawers sell well while others lie quiet, because they are the products of ingenious planning and skilful execution, combining form, fit, and fashion.

They are not an experiment or an innovation, but the result of several years of experimenting. The point is here—there is nothing in the world so comfortable as the

Scriven Improved Patent Elastic Seam Drawers,

because they fit, they don't rip or tear; because the tension is taken up by the elastic seam they don't bulge or bag—they are *emphatically the drawers* for the man who wants underwear that's right. These drawers are sold exclusively to retail dealers. By all means get acquainted with this most popular men's wear specialty.

J. A. SCRIVEN COMPANY,

16-18 East 15th Street, New York City.

MANHATTAN COAL CO.,

DEALERS IN

Lehigh and Wilkes-Barre Coal Co.'s

COAL

SMALL - ORDERS - SOLICITED.

PRICES LOW.

WEIGHT, QUALITY, AND PREPARATION GUARANTEED.

111 BROADWAY. Telephone Call: 1751 Cortlandt.

C. R. RUNYON, Manager.

THE FIDELITY AND CASUALTY CO.

OF NEW YORK.

Principal Office, Nos. 97-103 Cedar Street, New York.

Bonds of Suretyship .
Personal Accident . .
Employers' Liability .
Steam Boiler . . . . .
Plate Glass . . . . . .
Burglary . . . . . .

This Company has been engaged in the several MINOR MISCELLANEOUS LINES of insurance for TWENTY-THREE YEARS, and has built up gradually and prudently the LARGEST CASUALTY INSURANCE BUSINESS IN THE WORLD. Its annual income from premiums is about THREE AND A HALF MILLIONS of dollars. Its business is protected by assets of over THREE AND ONE-HALF MILLIONS, including an unearned premium reserve of ONE MILLION SEVEN HUNDRED THOUSAND dollars, and a special reserve against contingent claims of THREE-QUARTERS OF A MILLION. It has paid MORE THAN ELEVEN MILLIONS to its policy-holders FOR LOSSES. Its constant effort is to give to its clients not only INSURANCE indemnity, but prompt and effective INSPECTION and ADJUSTING SERVICES.

DIRECTORS:

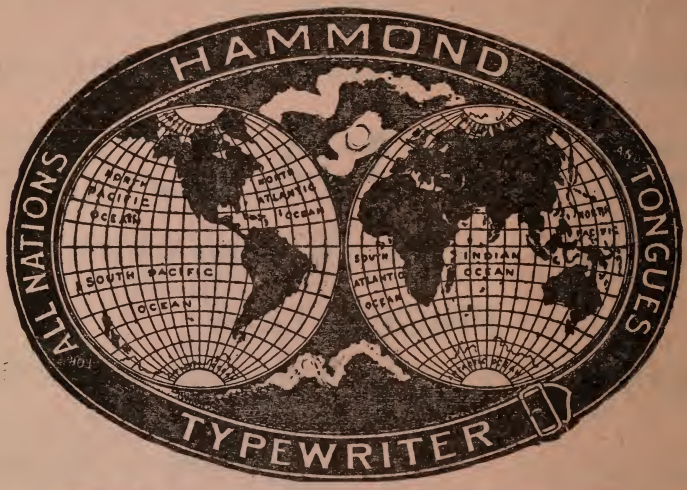
WM. P. DIXON, ALFRED M. HOYT, A. B. HULL, W. G. LOW, J. G. McCULLOUGH, WM. J. MATHESON, J. H. MILLARD, ALEXANDER E. ORR, HENRY E. PIERREPONT, JOHN L. RIKER, HENRY K. SHELDON, GEO. G. WILLIAMS, GEO. F. SEWARD.

GEO. F. SEWARD, President.
ROBT. J. HILLAS, Treasurer-Secretary.

Inquiries addressed to this office will receive prompt attention.

AGENCIES IN ALL CONSIDERABLE TOWNS.

FAMED FOR ITS PERFECT WORK.



THE HAMMOND

WON THE HIGHEST HONORS.

Work always in sight.
Two kinds of keyboard.
Different styles of type.
Writes on any size of paper.
Envelopes, library, and postal cards.

True alignment, uniform impression.
Light and elastic touch.
Simple, strong, and durable.
Easily carried, weighs only 19 pounds.
Writes in many languages.

Illustrated catalogue sent free. Correct map of the world for 5c. stamp.

AGENTS IN PRINCIPAL HOME AND FOREIGN CITIES.

THE HAMMOND TYPEWRITER CO.,

537 to 551 East 69th Street,

NEW YORK.

The Editorial Forum

In The Sunday World is the best exponent of up-to-date thought now published.

The Sunday Magazine,

with The Sunday World, is the most artistically printed and attractively made Supplement published by any newspaper.

The Sunday World

Is the First of American Sunday newspapers. Costs 5 Cents a copy. Mailed to any address one year for $2.50. Ten numbers sent for 50 Cents.

The World, Pulitzer Building, New York.

The World, Thrice-a-Week Edition,

156 PAGES A YEAR FOR ONE DOLLAR.

The Cheapest Paper Published.

All the Merits of a Daily at the Price of a Weekly.

It Commands the Entire Service of The World, the Largest Newspaper Establishment in the Universe.

Full, Prompt, and Accurate Home and Foreign News; Stories by Great Authors; Elaborate Market Reports, Etc.

The Monthly World and Encyclopedia.

A splendid 32-page Magazine every month, with The World Almanac and Encyclopedia as its January number. Each issue filled with Choice Reading Matter and Picturesque Illustrations. Eleven numbers of the Magazine and the Almanac for 50c.

Thrice-a-Week World, one year, and The Monthly World, one year, in combination for $1.40.

PRICE-LIST

—OF—

EDWARD H. BEST & CO.,

66 Federal Street, Boston, Mass.

MANUFACTURERS OF

Newspaper Press Blankets, Stereotype Blankets,

Lithographers' Flannels, Machinery Blanketing.

PRESS BLANKETING (Thick).

	PER YARD
36 inches wide,	Prices on Application.
38 " "	
40 " "	
42 " "	
44 " "	
46 " "	
48 " "	
50 inches wide,	Prices on Application.
52 " "	
54 " "	
56 " "	
60 " "	
75 " "	

BLANKETING (Thin).

	PER YARD
36 inches wide,	Prices on Application.
39 " "	
44 " "	
54 inches wide,	Prices on Application.
60 " "	

STEREOTYPE BLANKETS.

	PER YARD
Dryer Blankets, 26 inches wide,	Prices on Application.
" " 56 " "	
Moulding Blankets, 26 inches wide,	

PRINTERS' ROLLS.

	PER ROLL
2¼ inches wide,	$5.00

LINEN TAPE.

	PER PKG. 144 YDS.
⅜ inch wide,	$1.80
½ " "	3.00
⅝ " "	4.00
¾ inch wide,	$5.00
1 " "	6.00
1⅛ inches "	6.40

1¼ in. 100 yard rolls, 2 rolls in package, $8.90 per package.
1 in. 100 " 2 " " 8.34 "

Woolen Specialties for Mechanical Purposes.

FLEISCHMANN'S VEGETABLE COMPRESSED YEAST HAS NO EQUAL

International Detective Service,

311 ATLANTIC TRUST BUILDING, BALTIMORE, MD.

See advertisement on Page 587. T. J. HARDESTY & CO.

Hotel Kensington.

Fifth Ave. and 15th St., New York.

Select family and transient hotel. Refined and homelike. European plan. New management. Location most central. One block from Union Square.

Thoroughly Renovated; New Dining-Room; Restaurant of Noted Excellence at Moderate Prices.

Large and small suits (parlor, bedroom, and bathroom), for season or year.

Transient rates: Single Rooms, $1.50; Suits from $3.00 per day and upward.

CHAS. E. LELAND.

Hotel Childwood.

Open from June to October. For information apply to Hotel Kensington.

CHAS. E. LELAND.

ADAMS HOUSE.

Under New Management.

W. B. MOTT, Prop.

12th ST. and TENTH AVE.,

West Washington Market, One Block From C. & W. S., NEW YORK.

300 All Light, Well-Furnished Rooms, Steamheated Throughout.

TERMS MODERATE....

HOTEL BARTHOLDI

23d Street and Broadway.

Facing Madison Square Park.

In the Heart of the Shopping District.

MILTON ROBLEE, Proprietor.

Rooms singly and en suite at moderate prices. Restaurant unsurpassed. Table d'hote dinner, 5 to 8 P. M., 75c. Newly fitted with porcelain baths and open plumbing. Electric elevators. Refurnished throughout.

....Established 1857....

M. MAGEE & SON CO.,

Manufacturer of

Political Banners, Awnings, Window Shades, Flags and Signs

147 FULTON STREET, NEW YORK.

Designs Furnished to the Trade.

Society Banners, Political Banners. Magee's Tents of All Kinds in Stock. Tents to Let.

Canvas Articles of Every Description.

ESTABLISHED 40 YEARS.

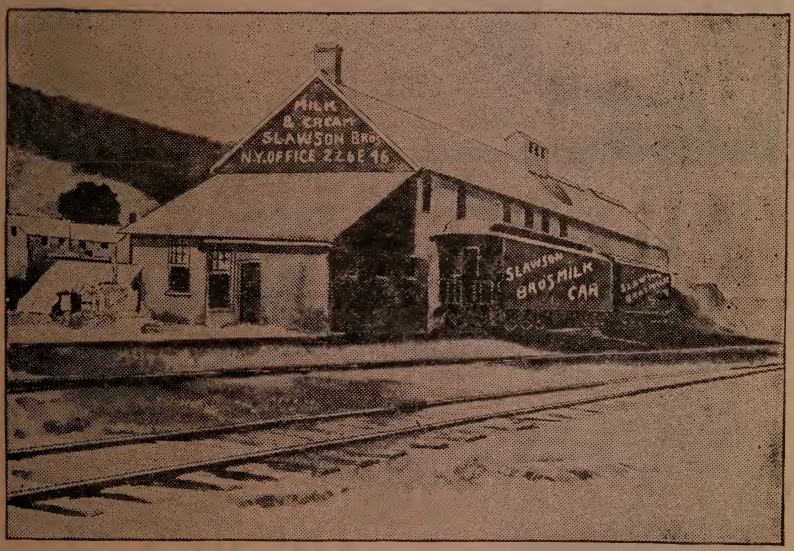
SLAWSON BROS.,

...Dairy Products.

Bottling Capacity, 30,000 Quarts Daily.

Milk direct from our dairies at Dover Furnace,
Dutchess County, and Hillsdale, Columbia County.

Our Constantly Increasing Trade Testifies to the Popularity of Our Goods.



SLAWSON BROS' Bottling Establishment at Hillsdale, Columbia County, New York.

NEW YORK OFFICES:

Nos. 222, 224, and 226 East 46th Street. Telephone, 379 38th.
105 and 107 West 127th Street.
373 Amsterdam Ave., bet. 77th and 78th sts. Telephone, 509 Riverside.
1001 Sixth Ave., bet. 56th and 57th Streets. Telephone, 991 Col.
267 Columbus Ave., bet. 72d and 73d Streets.
2389 Broadway, bet. 87th and 88th Streets.
2731 Broadway.

BUY "DIRECT FROM FACTORY," THE BEST

MIXED PAINTS

AT WHOLESALE PRICES and SAVE Dealer's Profits.—Delivered FREE,

FROM THE OLDEST MIXED PAINT HOUSE IN AMERICA,

Manufacturers of **INGERSOLL LIQUID PAINTS**, proved by 54 years use to be the most **durable and color-lasting**, and the **only Paint** "Officially Endorsed" by Grange

Our Book **Every Man His Own Painter,** is full of Information about Mixed Paints, White Lead, etc.; Exposes frauds, tells what Paint **TO USE**, and what **NOT TO USE** for all purposes. Directions for House, Barn and Roof Painting, quantity required, Harmonious colors, etc. Valuable facts for Paint Users.

We can Save you Money.—You may as well use the **BEST PAINT**, when it **COSTS LESS** than common paints at Retail. Write for **Wholesale Discount Prices Beautiful Sample Color Cards and Our Book**, mailed free. BIG CASH SAVING WILL SURPRISE YOU

O. W. INGERSOLL, Prop., No. 233 Plymouth Street, BROOKLYN, N. Y.

THE LARGEST FACTORY MAKING

DESKS, LETTER FILES, CABINETS.

The U. S. Desk, File and Cabinet Co.,

Modern Office Devices,

$6.00 UP.

INDIANAPOLIS, IND.

HOME WORK For Men and Women 9 to $18 weekly

NO CANVASSING.

We will send work to any part of the U. S. or Canada.

Explanation: We do an extensive wholesale and retail business in Portraits, Religious Pictures, Artists' Supplies, and Art Novelties. We do a larger picture and art novelty business than any two houses in the Union. We will give you steady employment in any of the following branches: **Novelty Portraits, Crayon Portraits, Water Color, and Pastel Portraits. No deception. No delay.** Our employés earn from **$9** to **$18,** and some make as high as **$25** a week. If it is not convenient for you to work the whole day for us you can earn $5 or $6 a week by working an hour or two every evening. Inclose a stamp with your application and we will send you printed instructions that will explain our different branches of work, how they are done, and the price we pay for each, etc.

We will send you a beautiful Crayon, Water Color, or Pastel Portrait

of yourself or of any of the late war Heroes as a sample of our work, *entirely free of charge,* **made by the Standard's Most Improved Simple Process.** You will admit that our process of making pictures is simple and easier than anything you ever tried. Our home work is recommended by every prominent newspaper and publisher in the United States. Address, with stamp,

To avoid mistakes, write your name and address plainly.

STANDARD ART MANUFACTURING COMPANY,
Dept. A. L. Standard Bldg., 142 W. 23d St., New York City.

If you don't want to work for us, send us your photograph and One Dollar and we will make a beautiful Crayon, Water Color, or Pastel Portrait, and put it in a very neat frame. For $1.00 only. Solar Prints and Finishing for agents and the trade. First-Class Work. Low Prices. Send us a trial order.

AMYLINE FOR REMOVING PAINT AND VARNISH.

Applied with a brush. One coat only necessary. Acts in 30 minutes.
Does not injure or discolor wood or subsequent coats of paint or varnish.
Reduces expense of refinishing one-half.
No burning or scraping, frequently defacing cabin, deck, and hull.
Ready for use in gallon and half-gallon cans. Information for the asking.
Sent by express everywhere.

Mention WORLD ALMANAC.

THE WILSON COMPANY, - - 11 Broadway, New York.

ING RODS.

The celebrated DIVINE Fishing Rods,

Made of SPLIT BAMBOO,
BETHABARA,
MALTESE WOOD,
GREEN-HART,
DAGAMA,
LANCE-WOOD.

THE BEST ROD MADE IS SPIRAL OR TWISTED. Split Bamboo, Stronger, Stiffer, and holds its shape the best of any rod made.

In any size and weight All rods first class. Send for Catalogue, free. Mention WORLD ALMANAC.

FRED. D. DIVINE, 10 Roberts St., Utica, N. Y., U. S. A.

HERCULEX

CURES

WITHOUT USING DRUGS.

The Dr. Sanden Herculex is a perfect, home self-application of Galvanic Electricity. It is a body battery worn comfortably around the waist. No burning electrodes. All applying plates covered with a soft, antiseptic material of our own invention. You put the Dr. Sanden Herculex on when retiring for the night, using it while sleeping. It soothes, strengthens, and cures in a natural manner. It is a specific remedy for **Nervous and General Debility, Lame Back, Rheumatism, Etc.** It adds Nerve Force and Strength to every organ of the body. It is an improvement upon my famous Dr. Sanden Electric Belt, for a quarter of a century the standard home application of Electricity. The Dr. Sanden Herculex is easy to adjust and convenient to wear.

FREE CONSULTATION.

If nearby, drop in at my office for free consultation, when I shall be pleased to go over your case and advise with you as to what you may expect. It is a pleasure to show a genuine article like the Dr. Sanden Herculex.

FREE BOOK BY MAIL.

If you live at a distance, write for my little book, "Health in Nature," which will be sent by mail, free, in sealed envelope. It explains all. With my system of symptom questions I am enabled to diagnose and advise accurately by mail. No charge for such services.

DR. ALFRED SANDEN, - 826 Broadway, New York, N. Y.

Office Hours—9 A. M. to 9 P. M. Weekdays; 9 A. M. to 12 M. Sunday.

FOR RHEUMATISM USE MY

HERCULEX

Every one knows to-day, or should know, that the properly applied current of galvanic electricity will cure rheumatism.

Of course the time is past when people can be deluded by charlatans into believing the "Walk up, take treatment, and throw away your cane" idea.

There is no miracle in the proper use of electricity. It simply cures you by the working out of a natural law. It adds strength to every organ and fibre of the body. It gets the bladder, kidneys, liver, etc., into proper working order. It increases the circulation and purifies the blood. It kills all germ life. That is why electricity cures. The immediate acceleration of the blood circulation often eases the pains in one application, but, of course, such is only temporary. You must continue in the use of electricity for some time to effect a permanent result.

The Dr. Sanden Herculex is the proper application of the right current. It is worn comfortably around the waist all night, soothing and strengthening while you sleep. It gives forth a great volume of electricity.

It is an improvement over the famous Dr. Sanden Electric Belt, which has been the standard for 25 years. I have used my Herculex with phenomenal success in my private practice, and now offer it publicly.

FREE BOOK, "HEALTH IN NATURE."

Write for my little book, "Health in Nature." It explains all. I diagnose and advise by mail. Free consultation is also offered at my office, where the Herculex may be seen and current tested. Write or call.

DR. ALFRED SANDEN, - 826 Broadway, New York, N. Y.

Office Hours—9 A. M. to 9 P. M. Weekdays; 9 A. M. to 12 M. Sunday.

MARSHALL TRUSS CO.,

506 "D" FULTON STREET, BROOKLYN, N. Y.

TELEPHONE, 1728 BROOKLYN.

Elastic Stockings, Trusses, and Rubber Goods

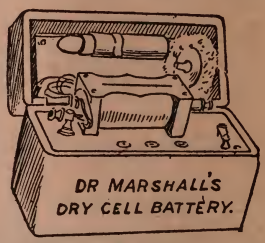
BY MAIL ON RECEIPT OF PRICE.

Elastic Stockings, $1.50.

Lady in Attendance.

Open Evenings and Sunday mornings.

Dr. Marshall's Coil Spring Elastic Truss, $2.50.



Best Medical Battery on Earth, $5.00.

Abdominal Supporters, Braces for Bowlegs and all deformities, Crutches, Rubber Urinals to wear day or night, Hot Water Bags, Syringes, and all kinds of Rubber Goods. Send for Catalogue.

THE HAYES DENTAL ASSOCIATION.

(INCORPORATED.)

Magnificent Private Parlors on Main Floor Balcony,

SIEGEL - COOPER CO., - - NEW YORK AND CHICAGO.

Our Large Force of
SKILLED SPECIALISTS
Includes Some of the
MOST EXPERT DENTISTS
In the Profession.
BRIDGEWORK A SPECIALTY.

Our Modern Methods
And Up-To-Date Appliances
Enable us to Perform
PAINLESS OPERATIONS.
OUR PLATES FIT.

Our Prices Are Less Than Half The Cost of Reliable Dentistry Elsewhere.

OVER 70,000 PATIENTS TREATED IN FIVE YEARS—
Truly a Wonderful Record of Success.

Consultation Free.
Correspondence Invited.

E. P. HAYES, D. D. S., President and Manager

Metropolitan Bank Note Company,

20 Liberty Street, New York.

Telephone, 2055 John.

ENGRAVERS, PRINTERS, AND LITHOGRAPHERS.

Bonds, Certificates of Stock, Corporation Outfits, Bills of Exchange, Bank Checks, Letter Heads, Labels, and Stationery.

DIPLOMAS AND CERTIFICATE OF MEMBERSHIP.

Society Engraving, Wedding Announcements and Invitations, Address Dies, Crests, and Visiting Cards.

Correspondence Invited. BENJ. B. SENIA, Manager.

By Mail Prepaid, $1.50.

SEARCHLIGHT

By Mail Prepaid, $2.50.
COMBINATION ROSE ONYX.

By Mail Prepaid, $1.00.
NECKTIE PIN OUTFIT.

NEW STANDARD DRY BATTERY.

Standard of United States Navy.

Standard Dry Cell of the World for Telephones, Electro-Medical Apparatus, Railroad Signals, House Bells, Slot Machines, all open-circuit work. Made in all shapes and sizes. Will easily beat all other dry cells by FOUR to ONE. All reliable supply houses carry a line of those cells. As a *trial* order will send one dozen, No. 2, anywhere for $3.00, cash with order, securely packed, F. O. B., New York. Kindly ask your dealer for "New Standard" next time. Those cells will save you money.

Complete catalogue of new and useful novelties operated with our dry cells for stamp.

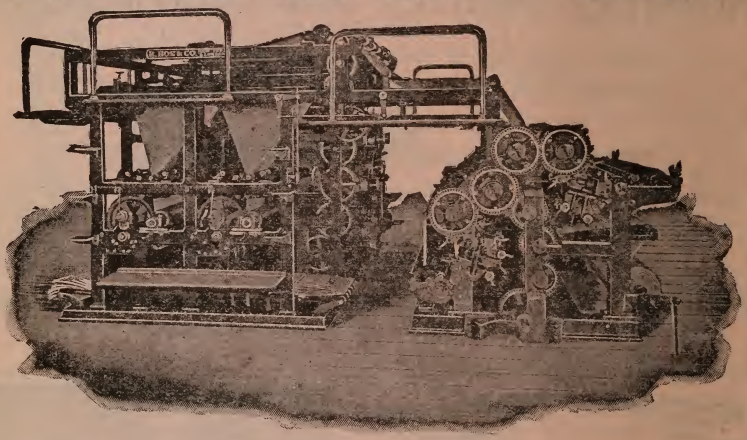
WILLIAM ROCHE, Inventor and Sole Manufacturer,

42 Vesey Street, New York City, U. S. A.

R. HOE & CO.'S

New Improved Quadruple

NEWSPAPER PERFECTING MACHINE.



The Standard Machine for Large Circulation.
Unequaled for Perfection of Design and Accurate Construction.

HIGHEST AWARD WORLD'S COLUMBIAN EXPOSITION.

Prints and delivers folded at the rate of

48,000 four, six, or eight page papers per hour;
24,000 ten, twelve, fourteen, or sixteen page papers per hour;
12,000 twenty or twenty-four page papers per hour.

In New York City alone there are over one hundred of our Web Perfecting Presses in operation, the majority of those used for newspapers being QUADRUPLES, and the number of machines of this style throughout the United States, Great Britain, and other countries far exceeds all other makes combined.

R. HOE & CO.,

504-520 Grand Street, New York.

Also Mansfield Street, Borough Road, London, England;
192 Devonshire Street, Boston, Mass., and
258 Dearborn Street, Chicago, Ill.

THE LARGEST MANUFACTORY IN THE WORLD OF PRINTING, ELECTROTYPING, AND STEREOTYPING MACHINERY.

310
W89
1000
Cop 3
THE LIBRARY OF THE
AUG 26 1944
UNIVERSITY OF ILLINOIS

GENERAL INDEX.

A

PAGE

ACADEMICIANS, NATIONAL...280
" Royal ...281
Academy of Design, National. 280
Accidents, Help in...232
" Railroad...222
Actors, Birthplaces of...272
" Fund...271
Acts of 55th Congress...106
Actuarial Society of America..287
Africa, Division of...387
" Statistics of...367, 375
African Exploration...278
Agricultural Statistics...190
Agriculture Dep't Officials...400
" Secretaries of...149
Alabama Election Returns...441
Alaska Boundary...100
Alcohol Statistics...197, 198
Aldermen, N. Y. City...489
Aliens Speaking English...392
Alliance of Reformed Churches332
Altar Colors...44
Altitudes, Greatest in States...67
Aluminum, Production of...201
Ambassadors, U. S., Abroad...420
Amendments to U. S. Constitution...144
American Acad. of Medicine..287
" Academy Political and Social Science...287
" and Foreign Shipping...169
" Antiquarian Society...287
" Artists, Society of...281
" Asiatic Association...287
" Association for Advancement of Science...287
" Authors, Society of...289
" Bar Association...287
" Bible Society...336
" Board of Foreign Missions...335
" Chemical Society...287
" Dialect Society...287
" Economic Association...287
" Entomological Society...287
" Federation of Labor...134
" Fisheries Society...287
" Folklore Society...287
" Geographical Society...287
" Hog...192
" Historical Association...287
" Indian...161
" Institute of Architects...287
" Institute of Electrical Engineers...287
" Institute of Homœopathy. 288
" Inst. Mining Engineers...288
" Irish Historical Society...341
" Lafayette Memorial...286
" Learned Societies...287-289
" Legion of Honor...323
" Library Association...316
" Mathematical Society...288
" Medical Association...288
" Microscopical Society...288
" Multi-Millionaires...268-271
" Municipalities, League...145
" National Red Cross...279
" Numismatic and Archæological Society...288
" Oriental Society...288
" Ornithologist Union...288
" Philological Association. 288
" Philosophical Society...288
" Psychological Association. 288
" Public Health Ass'n...236
" Revolution, Daughters of..350

PAGE

American Revolution, Sons of. 343
" Social Science Association. 288
" Society of Civil Engineers 288
" Soc. Mechanical Engineers 288
" Society of Naturalists...288
" Statistical Association...288
" Tract Society...336
" Turf...241-243
" Unitarian Association...333
" Wheelmen, League of...388
Amusements, N. Y. City...493, 535
Ancient Hour...35
" and Modern Year...62
Anglo-American League...96
Annapolis Naval Academy...404
Anniversaries, List of...13, 41
Anti-Blacklisting Laws...134
Antidotes for Poisons...232
Apoplexy, Deaths from...237
Appraisers, U. S. General...488
Appropriations by Congress...106
Aqueduct Commissioners, N. Y. 490
Arbor Days...189
Archæological Institute...288
Area, Cities in U. S...395, 396
" Continents...57
" Foreign Countries...367
" of Australia...375
" of British Empire...367, 375
" of Canada...384
" of London...381
" of Mexico...389
" of States and Territories...397
Arizona Election Returns...442
Arkansas Election Returns...442
Armed Strength of Europe. 352, 353
Armories, N. Y. City...515, 538
Arms-Bearing Men in Europe...350, 352
Arms-Bearing Population of States in the Union...419
Arms Used by Military Powers. 354
Army and Navy of Confederate States, Society...349
Army & Navy Union, Regular. 349
" British...378
" Generals...405, 410
" Official Titles—How Obtained...409
" of Cumberland Society...345
" of Potomac Society...13, 345
" of Santiago Society...348
" of Tennessee Society...345
" of U. S. at N. Y. City...495
" of U.S., Distribution of. 406, 408
" of U. S., Official List...13, 405
" Pay Table...408, 409
" Rank of Officers...360
" Recruiting Requirements. 408
" U. S., Organization...406
Art Galleries & Schools, N. Y...495
Asbestos, Production of...200
Ash Wednesday, 1900...25
Asia, Statistics of...375
Asiatic Nations, Militia...354
Asphaltum Production...200
Assembly Districts, N. Y. City. 543
Assembly, New York State...437
Assessed Valuation of Property in U. S...395, 396
Assessors, Board of, N. Y...490
Assistant Treasurers, U. S...401
Associations and Societies, N. Y. City...524
Asteroids, Number of...38
Astor Family...270, 271
Astronomical Constants...32, 33

PAGE

Astronomical Phenomena for 1900...28-30
" Signs and Symbols...28
Astronomy in 1899...290
Asylums, N. Y. City...494
Atmosphere, the Earth's...35
Athletic Grounds, N. Y. City...493
Attorney-Generals, U. S...149
Attorneys, District, U. S...403
Australian Federation...387
Austria, Army and Navy of, 352, 353, 383
" Diplomatic Intercourse...151
" Hungary Royal Family..371
Austrian-Hungarian Gov't. 368, 383
Austro-Hungarian Empire...367
Autumn, Beginning of, 1900...25
Aztec Club of 1847...340

B

BACON, PRODUCTION OF...192
Ballots, Presidential Candidates...115
Banking Statistics...180, 181, 182
Bankruptcy Law, U. S...183
Banks in Brooklyn...527
" in N. Y. City...496
Baptist Young People's Union 335
Baptists, Number of...327
Bar Association, American...287
" N. Y. City...539
Barley, Production of...190
Barometer Indications...61
Baseball Records...244-246
Baths, Public, N. Y. City...500
Battles of Civil War...86
Battle-ships, U. S...413
Beer, Production of...198
Belgian Royal Family...371
Belgium, Army and Navy of..352
" Government of...368
Bell Time on Shipboard...27
Ben-Hur, Tribe of...323
Benzine Statistics...199
Bible Society, American...336
Biblical Data...39
Bicycling Records...266
Billiards Records...260
Biographical Society of America...288
Birth Rate in Europe...236
Bishops of Religious Denominations...13, 330, 331
Bishops, English...378
Blast Furnace Capacity...168
Blind, Persons in U. S...235
" Schools for...294
Boards of Trade in New York..507
Boat-Racing Records...247-249
Boer Republics...94, 95
Boiling Point...58
Bonaparte Family...374
Books, Production of...286
" of 1899...274, 275
Borough Information Begins..489
Bourbon-Orleanist Family...374
Bowling...263
Boycotting Laws...134
Brandy, Production of...197
Brazil, Army and Navy of...354
" Area, etc...367
Breweries, Number of...198
Bridges, N. Y. City...499
British Army...352, 378
" Colonies and Governors, 375, 379, 387
" Courts of Law...377

PAGE
British Diplomatic Intercourse, 150, 379, 387
" Dukes 380
" Empire, Statistics of...367, 375
" Government 377
" Holidays 31
" Measures and Weights.... 78
" Navy....353, 378
" Parliament....380
" Population....375, 381
" Publications....286
" Royal Family....370, 376
Bronchitis, Deaths from....237
Brotherhood of St. Andrew....337
" of Andrew and Philip....337
Buckwheat, Production of....190
Building & Loan Associations.172
Building Dept., N. Y City....490
Buildings, Height of, in N. Y..537
Bureaus of Labor....135
Business Failures in U. S....183
Butter Production....192

C

CAB FARES, NEW YORK CITY. 512
Cabinet Officers Since 1789....148
" of President McKinley...399
Cable Telegraph Rates....229
Cables, Submarine....227
Calendar for 200 Years.... 43
" Greek & Russian, for 1900. 44
" Jewish, for 1900 44
" Mohammedan, for 1900... 44
" Ready Reference 42, 43
" Ritualistic 44
" Wheat Harvest....190
Calendars for 1900-1901.... 41
" Monthly for 1900....45-56
California Election Returns...443
Canada, Statistics of. 384, 385
" U. S. Joint Commission ..100
Canals....226
Cancer, Deaths from....237
Canoeing....255
Cape Colony.... 94
Capital Punishment....234
Capitals of States 397
" Foreign....367, 384, 389
Car Lines, N. Y. City....520
Cardinals, College of....330
Catholic Benevolent Legion...323
" Knights of America....323
" Roman, Hierarchy in U.S.330
Catholic Summer School....317
Catholics, Number of....327
Cattle, Value of, in U. S....192
Cemeteries, New York City. ..507
Census, U. S., 1900....102, 103
Central & So. American Trade.388
Century, Twentieth 35
Cereal Crops and Exports... ..191
Chamber of Commerce....506
Champagnes Imported....197
Charities and Correction, N. Y.490
Chautauqua System....317
Cheese Exports....192
Chemistry in 1899....290
Chess....277
Childbirth, Deaths from....236, 237
China, Army and Navy....354
" and Japan Mails.... 73
" Opening of the Empire...386
Chinese Population in U. S....392
Chosen Friends, Order of....323
Christian & Mission. Alliance.334
" Endeavor Society....335
" Science....326
Christians, Number of....327
Chronological Cycles and Eras. 25
Chronology, New Testament.. 39
Church Days in 1900.... 25
" Established, of England..378
" Fasts.... 26
Churches, N. Y. City....501
" Brooklyn....530-534

PAGE
Churches in the U. S....328, 329
Cigars, Tax on....155
Cincinnati, Society of...13, 342, 343
Circuit Courts of U. S....402
Cities, Largest of the Earth....390
" of U. S., Population of.393-396
" of U. S., Statistics of..395, 396
" of U. S., Number of 394
Citizenship, Requirements.... 139
Civil Engineers' Society....288
Civil Lists of Sovereigns....367
" Service, U. S. Commiss'rs.400
" " Rules of, U. S.104, 105
" " N. Y. City.... 490, 518
" " N. Y. State....436
" War, Statistics of.... 86
Clearing-House Statistics....181
Clubs, New York City....511
Coal Statistics....201
Coffee Statistics....198
Coinage at U. S. Mints....178
" of Nations....179
Coins, Foreign, Value of....175
College Cheers....312-314
" Colors....315
" Commencements.....300-304
" Endowments....310
" Fraternities....309
" Population....294
" Reference Marks....311
" Tuition Fees 292, 304-309
Colleges, Earliest Founded.....309
" in Manhattan Boro., N. Y.510
" of U. S., Statistics of...294-315
Colonial Board, U. S....400
" Dames of America....350
" Governors, British....379
" Possessions, U. S....93, 397
" Wars, Society of....340
Colorado Election Returns....444
Colored Masonic Bodies....320
" Population, U. S....392
Comets, Periodic.... 88
Committees, Political 129-133
Commodores, U. S. Navy....411
Common Schools, U. S....294
Commons, House of....380
Compass, Variations of.... 60
Confederacy, U'ted Daughters.349
Confederate Veterans' Ass'n..349
Congregational Nat. Council...330
Congress, Acts of Fifty-fifth...106
" Appropriations by....106
" Fifty-sixth....427-434
" Party Divisions in.... 426
" Ratio of Representation in 425
Congregationalists....327
Connecticut Election Returns..445
Constitution of the U. S....141-145
Constitutions of States in U. S. 388
Consuls, Foreign, in U. S.... 424
" " N. Y. City....498
" U. S., Abroad....420
Consumption, Deaths from....237
Continents, Area of.... 57
" Population of.... 57
Conventions, Political, 13, 115-117, 125-127
Copper Production....199, 200
Copyright Law....276
Corn Crop, Statistics....190, 191
Cotton, Statistics of.... ...194, 195
Countries of the World....367
County Clerk's Office, N. Y....490
Court of Claims....402
Courts, British 377
" State (see each State Election Returns).
" of N. Y. City....491, 492
" of New York State....434, 435
" of U. S....402
County Officers in N. Y....490
Cows, Milch, Value of, U. S....192
Creeds, Population of Earth by.327
Cricket....250, 251
Crime & Pauperism, Statistics..234

PAGE
Criminal Courts in N. Y....492
Crops, Statistics of....191
Croquet, or Roque, Records....251
Croup, Deaths from 237
Crude Oil Statistics.... 199
Cruisers, U. S....413
Cuba, Area, etc....367
Cumberland, Society, Army...345
Currency Circulation, U. S....180
" Question in Party Platf'ms124
Custom-House, N. Y. City....488
Customs Officials....401
" Receipts....158, 159
" Tariff, U. S....154, 155

D

DAMES OF THE REVOLUTION..351
Dairy Products, Exports....192
Daughters of Revolution....350
" of Confederacy, United.. 349
" of Holland Dames....13, 351
" of the King....337
Day of Week, How to Find..42, 43
Days Between Two Dates.... 27
Deaf Mutes in U. S....235
" Schools for....294
Death Roll for 1899....13, 83-85
Deaths, Causes of.... 237
" in United States.... 237
Debt of United States, Public..174
Debts of Nations....173
" of United States Cities....395
" States and Territories....173
" When Outlawed.... 79
Deer, Open Season for Shooting.238
Defective Classes 235
Delaware Election Returns....445
Democratic Clubs, National ,133
" Conventions in 1899....125-127
" National and State Com ..129
" Party Platforms....124-127
Denmark and Colonies....367
" Army and Navy....352, 353
" Royal Family....371
Denominations, Religious....328
Deposits in Banks....182, 497, 527
Derby, English....243
Detroit Bi-cent'nry Expos'n...284
Diphtheria, Deaths from....237
Diplomatic and Consular List..420
" Intercourse....150-153, 379
Dispensaries, Brooklyn....529
Distances and Time from N. Y. 74
" Between European Cities.. 74
" in New York City....506
District Attorneys, U. S....403
District Courts of U. S....402
District of Columbia Gov't....396
Divisions of Time.... 26
Divorce Laws....233
Dock Department, N. Y....490
Dollar, Silver, Value....176
Dramatic People....272
Druids, Order of....323
Dukes, Table of British....380
Duration of Life.... 57
Duties on Imports....154, 155

E

EARTH, FACTS ABOUT THE.... 57
Earth's Atmosphere.... 35
Easter in 1900.... 25
" Table of Dates 39
Eastern Star, Order of....320
Eclipses in 1900....28, 29
Education, Board of, N. Y. 490, 508
" Chautauqua System....317
" J. F. Slater Fund....316
" Peabody Fund....316
" Statistics of....292, 293
Egypt, Area, etc....367, 387
Eight-Hour Labor Laws....134
Election Bureau, N. Y....490

PAGE
Election Returns Begin.....441
Elections, Presidential.....115, 118
" State, When Next Occur. 398
Electoral Vote, by Apport'nm't 439
" Vote for President.....118, 439
" Vote in 1900.....439
" Votes since 1789.....118
Electrical Progress in 1899..230, 231
Eleventh Army Corps Ass'n.. 345
Elks, Order of.....323
Elongation, Greatest.....28, 33
Ember Days..... 26
Embezzlements in the U. S.... 235
Employés in U. S..... 168
Endowments, Colleges 310
England, see "British."
English Derby.....243
" Established Church. 378
" Holidays, Old..... 31
" Speaking Religious Communities.....327
" Plays of 1899.....273
Epiphany in 1900..... 25
Episcopalians.....327, 331
Epochs, Beginning of..... 25
Epworth League.....13, 338
Eras, Chronological 25
Erysipelas, Deaths from 237
European Languages Spoken... 57
" Military Resources. 92, 352
" Sovereigns.....367, 370
Events, Historical, Dates of... 41
" Record of, 1899 .....81, 82
Exchanges in N. Y. City.....507
Excise Dept., N.Y. City.....490
Executions in United States....235
Executive Mansion Rules 92
Expansion, National, in Party Platforms.....126, 127
Expenditures, U.S. Governm't. 159
Exploration and Discovery.....290
Exports..... 166, 167, 168, 191, 192
Exposition, Detroit Bi-cente'y. 284
" Glasgow International...284
" Ohio Centennial.....284
" Pan-American.....285
" Paris, 1900.....282-284
" St. Louis.....285
Expresses, N. Y. City.....508
" on Railroads 205-221

F

FACTS ABOUT THE EARTH.... 57
Failures in United States.....183
Famous Old People of 1900..... 80
Farm Animals.....192
Farmers' Alliance, National...133
Farms and Farm Products.....196
Fast and Feast Days. 26
Fastest Ocean Passages 188
Federal Government.....399-402
" Officers in N. Y.....488
Federation of Women's Clubs. 325
Ferries from New York City...523
Fevers, Deaths from 237
Fiction in 1899.....274
Field Officers U. S. Army.....406
Fifty-fifth Congress, Acts of...106
Fifty-sixth Congress.. 427-434
Financial Statistics..... 176
Fire Dept., N. Y. City..490, 510, 535
" Insurance Statistics.....185
" Rules in Case of.....232
Fires, Loss by, in United States. 185
Fisheries of United States.....196
Fishing, Open Seasons for.....238
Fixed Stars.....34, 35
Flags, Storm & Weather Sig..62, 63
" Transatlantic Lines..... .188
Florida Election Returns.....446
Flowers, State.....189
Fly-Casting Records.....255
Football Records.....264, 265

PAGE
Foreign-Born Inhabitants in United States 392
Foreign Coins, Value of.....175
" Consuls in N. Y. City.....498
" Consuls in United States..424
" Legations in U. S. 423
" Mails 72-74
" Ministries.....368
" Missions, American Board 335
" Moneys..... 78
" Shipping.....169
" Trade of the U. S.....166, 167
" Wars, Military Order of..344
Foresters, Order of.....323
Forestry Statistics 189
Forts Near N. Y. City 495
Forty Immortals.....289
Founders & Patriots, America, 13, 340
France and Colonies.....367, 387
" Army and Navy...352, 353, 382
" Diplomatic Intercourse...151
" Government of.....368, 382
" Rulers of.....370
Fraternal Organizations 322-325
Free Baptist Young People....335
" Sons of Israel.....323
Freemasonry 318-320
French Academy.....289
" Pretenders.....13, 374
" Revolutionary Era..... 40
Freezing and Fusing Points ... 58
Funnel Marks of Steamers... 188

G

GAME LAWS 238, 239
Generals, U. S. Army 410
Geographic Names, U.S. Board. 140
" Society, National.....289
Geographical Progress in 1899, 278, 279
" Society, American.....287
Geological Society of America. 288
" Strata..... 59
Geology in 1899.....290
Georgia Election Returns.....446
German Empire.....367, 387
" Royal Family.....372
Germany, Army and Navy, 352, 353, 382
" Diplomatic Intercourse...152
" Government of.....368, 382
Gin, Production of.....197
Glasgow Int' nat'l Exhibition..284
Gold Deposited in U.S. Mints..178
" Production of.....176, 178
" U. S., in Circulation.....180
Golf.....258, 259
Good Fellows, Royal Society...324
Good Friday in 1900..... 25
Good Roads, National League. 388
Good Templars, Order of..... 321
Gould Family..... 269
Governments of the Earth..57, 369
Governors of States.....398
Grain Production of U. S.....190
Grand Army of the Republic...346
Grange, National.....133
Gravity, Acceleration of..... 33
" Specific 58
Great Britain, see "British."
Greek Calendar for 1900..... 44
" Letter College Societies...509
" Royal Family.....372
Guam..... 93

H

HACK AND CAB FARES, N. Y. 512
Hammer-Throwing Records...251
Hams, Production of.....192
Harvard Baseball... 246
" Boat Races 247, 248
" Football 264

PAGE
Hawaii..... 93
Hay, Production of 190
Heads of Governments..... 13, 369
Headquarters of Regiments...408
Health Department, N. Y. 436, 489
Heart Disease, Deaths from ...237
Height, Buildings, in N. Y 537
" Points in N. Y. City 512
Help in Accidents.....232
Heptasophs, Order of.....324
Hibernians, Order of.....324
Highways Commissioner, N. Y. 489
Historical Ass'n, American....287
" Events, Dates of..... 41
Hockey Records.....261
Hog Statistics. 192
Holidays, Church..... 25, 31
" English..... 31
" Legal..... 31
Holland Dames..... .....13, 351
Home Circle, Order of.....324
Homes and Asylums in N.Y.C. 494
" Soldiers', U. S..... 87
Homestead Entries, U. S.....163
Homicide in U. S. 234
Homœopathy, American Inst. 288
Hops, Production of 190
Horse-Racing Records.....241-243
Horses, Value of, in U. S.....192
Hospitals, Brooklyn.....529
" N. Y. City.....500
Hotels, Manhattan Boro., N.Y. 537
House of Commons.....380
" of Lords.....377, 380
" of Representatives.....429-434
Huguenot Society.....341
Human Family..... 57
Hunting, Open Seasons for. 238, 239
Hurdle-Racing Records....242, 252
Hurricane Signals 63

I

ICE, STRENGTH OF..... 61
Ice Hockey.....261
Idaho Election Returns.....448
Illegitimacy in Europe.....236
Illinois Election Returns.....449
Immigrants into U. S.....101
Immigration Commiss'r, N. Y. 488
Immortals, the Forty.....289
Imports 166, 167, 168
Indebtedness of Nations.....173
" of the States & Territories. 173
India, Government of.....379
Indian, the American..... 161
" Population in U. S.....161, 392
Indiana Election Returns.....450
Indians, Expenditures for.....159
Insanity Statistics 235
Inspection of Steam Vessels.... 488
Insurance Statistics.....184, 185
Interest Rates in N. Y. Savings Banks.....497, 527
Interest Tables and Laws....78, 79
Interior Department Officials..400
" Secretaries of the.....149
Internal Revenue Officers, N. Y. 488
" Receipts.....158
Interstate Commerce Com. 400
Iowa Election Returns.....452
Ireland, Government of.....377
" Statistics of.....375, 381
Irish Catholic Union 324
" National Organizations...541
Iron and Steel Tonnage in U. S. 169
" World's Production of. 199, 200
Italian Government.....368, 383
" Royal Family.....372
Italy and Colonies.....367, 387
" Army and Navy of, 352, 353, 383
" Diplomatic Intercourse...152

J

PAGE
JAPAN, ARMY AND NAVY.....354
Japanese Empire.....367
Jewish Calendar for 1900 44
" Era 25
Jews, Number of ... .327 392
Judgments, When Outlawed.. 79
Judiciary of New York City ..491
" of New York State...434, 435
" of States. (See Each State Election Returns.)
" of United States.....402
Julian Period and Year..... 25
Jumping Records.....253
Jupiter, Planet..... 38
Jury Duty, New York City. 490, 506
Justice, U. S. Department of...400
Justices of the U. S. Supreme Court Since 1789.....146

K

KANSAS ELECTION RETURNS .453
Kentucky Election Returns.....454
King Alfred Memorial.....271
King's Daughters and Sons....337
Knights and Ladies of Honor..324
" of Golden Eagle.....324
" of Honor.....324
" of Labor.....134
" of Maccabees.....324
" of Malta.....324
" of Pythias.....322
" of St. John and Malta.....324
" Templars.....319

L

LABOR INFORMATION.....134, 135
" Party, Socialist.....131
Lacrosse Records.....267
Ladies' Catholic Benev. Ass'n.324
Lafayette Memorial in Paris...286
Land Claims, U. S. Court.....402
" Forces of Europe.....352
" Offices, U. S.....163
Lands, Public, in U. S.... 162, 163
Languages Spoken, European. 57
Lard, Production of..... 192
Latin Union..... 78
Latitude and Longitude.....68
Latter-Day Saints.....339
Law Courts, N. Y. City.....491
" Examinations, N. Y. State.536
" Schools in U. S.....294
Lawn-Tennis Records.....540
Lawyers' Club, N. Y. City.....539
Lead, Production of.....200, 201
League American Wheelmen..388
" American Municipalities.145
Leap Years..... 42
Learned Societies, American..287
Legacy Tax.....157
Legal Executions in U. S.....235
" Holidays..... 31
Legations, Foreign, in U. S.....423
Legion of Honor, American...323
Legislation in 1899, Review 107-114
Legislature, N. Y. State.....437
Legislatures, Pay and Terms of Members.....398
Legislatures. (See Each State Election Returns.)
Legislatures, State, When Next Sessions Begin 398
Lent in 1900..... 25
Leprosy in India.....237
Liberty Party, National.....133
Libraries, N. Y. City..... .513, 535
Life, Human, Duration of..... 57
Life Insurance Statistics. 184
Life-Saving Service.....138, 525
Light, Velocity of..... 33
Light-House Establishment... 97
Light-Houses..... 68
Lightning, Loss by..... 61
PAGE
Limitations, Statutes of..... 79
Liquor Statistics..... 197, 198
" Tax.....155
Literature in 1899.....274, 275
Loan Associations, U. S. 172
London Officials & Population.381
Longitude and Latitude.....69
Lords, House of.....377, 380
Losses by Fire in U. S..... 185
" by Tornadoes.....63
Louisiana Election Returns....456
Loyal Legion, Military Order of 345
Luther League of America 333
Lutherans, Number of.....327
Lynchings in U. S.... 235

M

MACCABEES, KNIGHTS OF.....324
Magnetic Declinations..... 60
Mails, Domestic and Foreign. 69-74
Maine Election Returns.....457
Malarial Fever, Deaths from..237
Malt Liquors, Statistics. 197, 198
Manhattan El. R. R. 519, 548-551
Mankind, Races of..... 58
Manufactures in U. S.....168
Map N. Y. City Assembly Districts and Wards....542, 543
" South Africa..... 95
Maple Sugar, Production of....195
Maps of B'klyn Railroads..546, 547
" Manhattan El. RR., N. Y., 550, 551
Marine Corps, United States...411
Markets, New York City.....514
Marriage and Divorce Laws....233
Mars, Planet..... 38
Marshall, John, Day.....286
Marshals, United States.....403
Maryland Election Returns....457
Masonic Degrees, Sovereign College of.....319
" Grand Lodges, U. S.....318
Masons, Knights Templars....319
" Negro, Lodges of.....320
" Royal Arch.....319
" Scottish Rite 319
Masonry, Degrees in 318, 319
Massachusetts Election Ret'ns. 458
" Game Laws 239
Mathematical Society, Amer .288
Mayflower Descendants.....13, 341
Mayors of New York City 513
" of Cities in United States. 395
Measles, Deaths from 237
Measures, Domestic 78
" Metric System of..... 75
" Used in Great Britain 78
Mechanical Engineers' Society .288
Mechanics, United American. 325
Medal of Honor Legion.....345
Medical Association, Amer....288
" Examinations, N. Y.....536
" Schools in U. S.....294
Medicine, American Academy.287
Memorable Dates..... 40
Merchandise Exported & Imported in 1899.....166-168
Merchant Navies of the World.169
Mercury, Planet..... 38
Metals, Precious.....178, 179
Meteorites..... 38
Methodist Bishops.....381
Methodists, Number of.....327
Metric System.....75-77
Mexico, Army and Navy...354, 389
" Statistics of.....389
Mica, Production of.....200
Michigan Election Returns.....459
Microscopical Society, Amer. 288
Military Academy of U. S.....404
" Departments, U. S.....406
" Order Loyal Legion.....345
" Order of Foreign Wars.... 344
PAGE
Military Resources of Europe in Available Men.....92, 352
" Service Regulations in Europe 352
" Societies of U. S. 340-349
" Strength of Nations.....352
Militia Ages, Population by....392
" in N. Y. City.....515, 538
" Naval.....419, 515
" of the States..... 419
Mineral Products of U. S...200, 201
Mining Engineers, Institute of.288
Ministers, Foreign, in U. S.....423
" of European Countries...423
" U. S., Abroad.....420
Minnesota Election Returns..461
Mints, Deposits at U. S.....13, 178
" Superintendents of.....401
Missions, Am. Board Foreign. 335
Mississippi Election Returns..462
Missouri Election Returns.....463
Mohammedan Calendar..... 44
Mohammedanism 327
Molasses Production.....195
Monarchies and Republics..... 57
Monarchs of European Countries.....369, 371
Monetary Statistics.....176-179
Money in Circulation, U. S.....180
" Not Presented for Redemption 181
" Orders, Postal 71, 73
" " Express.....508
Moneys, Foreign.....78, 175, 176
Montana Election Returns 464
Monthly Calendars for 1900...45-56
Monuments, N. Y. City.....514
Moon, Information About. 36, 37, 38
Moon's Phases in 1900 36
Moonlight Chart for 1900..... 37
Mortality Statistics.....237
Mortgage Statistics, U. S.....196
Mountains, Highest, on Earth. 57, 67
Mt. Vernon Ladies' Associat'n .343
Mules, Value of, in U. S.....192
Municipal Council, N. Y.....489
" Courts, N. Y. City..... 491
" League, National 145
" Statistics, N. Y.....490
Murders in U. S.....234
Museums & Music Halls, N. Y..493
Musical People, Ages, etc.....272
Mystic Circle, Order of.....324
Mystic Shrine, Nobles of the...320

N

NAPHTHA STATISTICS..... 199
National Academy of Design..280
" Academy of Sciences.....288
" Arts Club.....281
" Ass'n Democratic Clubs, 133
" " Naval Veterans....347
" Bank Examiner, N. Y....488
" Bank Statistics.....180
" Council of Women.....325
" Democratic Committee...132
" Dental Association 289
" Educational Ass'n..... 316
" Encampments.....346
" Expansion in Political Platforms.....126, 127
" Farmers' Alliance.....133
" Geographic Society.....289
" Grange..... 133
" Guard.....419, 515
" League for Good Roads.....388
" Municipal League.....145
" Party Platforms.....124
" Provident Union.....324
" Republican League 132
" Sculpture Society 281
" Society Spanish-Am. War. 348
" Spiritualists' Association. 338

SEE THE BUYER'S GUIDE, PAGES 549-559.

PAGE
National Union, Order of.....324
Nationalities in U. S.....392
Nations, Coinage of.....179
" Indebtedness of.....173
Naturalists' Society, American.288
Naturalization Laws of U. S....139
Nautical Almanac, U. S.....411
Naval Academy of U. S.....404
" and Military Order, Spanish-American War.....348
" Architects, Society of.....289
" Enlistment.....417
" Examining and Retiring Boards.....411
" Militia.....419, 515
" Observatory.....411
" Officers, Customs.....401
" Order of St. Louis.....348
" Order of the United States.344
" Training Ships, U. S.....418
" Veterans, National Ass'n.347
Navies of the World.....353, 354
Navy at New York City.....534
" British.....353, 378
" Captains & Commanders. 412
" Department Officials.....399
" Flag Officers.....13, 411
" in the Civil War..... 361
" of the Revolution.....356-366
" Pay Table.....418
" Rank of Officers.....366
" Secretaries of the.....149
" U. S. Official List.....411
" United States Stations.....418
" U. S., Vessels....13, 365, 413-418
" Yards, United States.....417
Nebraska Election Returns....465
Necrology for 1899.....13, 83-85
Negroes in United States.....392
Neptune, Planet.....38
Netherlands and Colonies.....367
" Army and Navy.....352, 353
" Government of.....368
" Royal Family of.....372
Nevada Election Returns.....466
New Eng. Order Protection.... 324
New Hamp. Election Returns. 467
New Jersey Election Returns..466
New Mexico Election Returns.467
New Testament Chronology... 39
Newspaper Statistics.....291
N. Y. City Assembly Dists.....543
" " Clearing-House.....496
" " Government.....489, 490
" " Information begins.488
" " Judiciary.....491
" " Population of.... 505, 514
" " Statistics.....396
" " Vote.....468 471
" " Wards.....542
New York Game Laws.....238
" Legislature, 1900.....437
" State Election Returns....468
" State Government.....436
" State Judiciary.....434, 435
" State, Population of.....539
" Zoological Society.....289
Nicaragua Canal.....226
Night Signals on Steamers.....188
Nobles of the Mystic Shrine....320
No. Carolina Election Returns. 472
North Dakota Election Returns.473
Norway, Government of.....368
Norwegian Royal Family.....374
Numerals, Roman and Arabic. 78
Numismatic and Archæological Society.....288

O

OAT CROP STATISTICS 190, 191
Obituary Roll for 1899.....13, 83-85
Observatories..... 68
Occultations of Planets..... 28

PAGE
Occurrences During Printing.. 13
Ocean Steamers.....186-188, 522
Oceans, Depth of..... 57
Odd Fellowship, Information. 321
Ohio Centennial and Northwest Ter. Exposition.....284
Ohio Election Returns.....474, 475
Oklahoma Election Returns...475
Old People of 1900, Famous..... 80
Opera Singers, Ages of.....272
Orange Free State..... 94
Oregon Election Returns.....476
Oriental Society, American....288
Ornithologists' Union, Amer...288
Oxen, Value of, in United States.192
Oxford-Cambridge Boat Races.249

P

PACING RECORDS..... 243
Painting and Sculpture.... 280
Palm Sunday in 1900..... 25
Panama Canal 226
Pan-American Exposition.....285
Paris Exposition of 1900....282-284
Parks, New York City. 490, 516, 538
Parliament, British.....377, 380
Party Divisions in Congress....426
" Platforms.....124-127
Passenger Stations, Great.....221
Passport Regulations.....140
Patent Office.....160, 161
Patriotic Women's Societies....350
Patrons of Husbandry.....153
Pauperism 234
Pawnbrokers' Regulations, N. Y. 516
Peabody Education Fund.....316
Peace Conference, Universal... 98
Peanuts, Production of..... 190
Pennsylvania Elect'n Returns. 476
Pension Agencies.....165, 400, 488
" Statistics.....164, 165
People's Party National Committee 131
Per Capita Statistics....170, 171, 173
Periodic Comets 38
Periods, Chronological..... 25
Petroleum, Production of.... ...199
Phi Beta Kappa.....316
Philippine Islands.... .....91, 92
" War, in Party Platforms, 126, 127
Philological Ass'n, American...288
Philosophical Soc., American..288
Piers, New York City.....515
Pig Iron Production.....199
Pilgrim Fathers, Order of.....324
Pilot Commissioners, N. Y.....490
Pistol Records.....259
Plagues, Statistics of 237
Planetary Configurations, 1900... 30
Plays of 1899.....273
Pneumonia, Deaths from.....237
Poisons, Antidotes for.....232
Polar Exploration.....278
Pole Star, Mean Time of Transit 33
Police Dept., N. Y. City. 489, 510, 535
Political Committees.. .13, 129-133
" Conventions....13, 115-117, 125
" Divisions in Congress.....426
" Record of 1899.....128
Pool Records.....261
Popular Vote for President. 118, 439
Population, All Countries.....367
" Each Census, 1790 to 1890..391
" by Ages.....392
" by State Censuses of 1895..394
" of Africa. 375
" of Australia.....375
" of Canada. 384, 385
" of Central & So. America. 388
" of Cities of U. S. 393, 396
" of Gt. Britain & Ireland. 375, 381
" of Largest Cities of Earth. 390

PAGE
Population of Mexico.... 389
" of New York City 505, 514
" of New York State.....539
" of States in 1900, Estimated by Governors.....539
" of the Earth..... 57
" of U. S. by Nationality....392
" " by Sex, Nativity, Race, Voting, School, and Militia Ages.....392
" " Colored.....392
" " Indian.....392
Pork, Production of.....192
Porto Rico..... 93
Portugal and Colonies.....367, 387
Portuguese Royal Family.....372
Port Wardens, N. Y. City.....490
Postal Information 69-74
Postmasters of Cities in U.S....401
Postmasters-General, List of...149
Post-Office, Brooklyn 529
" Dep't Officials.....400
" N. Y. City.....517
" Statistics, U. S.....172
Potato Crop in U. S.....190
Potato Racing.....253
Potomac, Society of Army, 13, 345
Powders (Gun), Strength.....355
Precious Metals, Statistics..178, 179
Precious Stones, Production. ..200
Presbyterian Assemblies.....332
Presbyterians, Number of 327
President, U. S. Ballots for.....115
Presidential Cabinet Officers 148-150
" Election, 1900.....115
" Elections 1789 to 1896...118, 119
" Succession.....146
" Vote 439, 440
" " 1869 440
Presidents of the U. S.....146
" of the U. S. Senate.....147
Press, Statistics of.....291
Princeton Football Records...267
Prisoners' Commutation Table. 236
" in U. S.....234
Produce, Minimum Weights of. 77
Professional Schools in U. S....294
Prohibition Nat'l Committee..132
Property, Assessed Valu'n.....395
Property Losses by Fire.....185
Protection in Party Platforms. 125
Protestant Episcopal Bishops..331
Protestants, Number of.....327
Provident Loan Society.....516
Psychological Ass'n, American 288
Public Buildings, Manha'n.... 511
" Debt of U. S.....174
" " Cities in U. S.....395
" Improvem'nt Board, N. Y. 489
" Lands of U. S.....162, 163
" Porters, New York City..512
Pugilism 267
Pythias, Knights of.....322

Q

QUALIFICATIONS FOR VOTING. 136
Quarantine Commissioners. 436, 490
Quicksilver, Production of.....201

R

RACE, Population According to. 57
Races of Mankind..... 58
Racing Records, Horse.....241-243
Railroad Accidents.....222
" Commissions.....224, 436
" Earnings & Expenses. .204-221
" Employés in U. S.....222
" Expresses.....205-221
" in N. Y. City.....519, 521, 550

SEE THE BUYER'S GUIDE, PAGES 549-559.

PAGE
Railroad Maps.....546-551
" Mileage.....204-221,225
" " by States.....225
" Officials 205-221
" Passenger Stations, N. Y..510
" " " Great..221
" Speed Records... 223
" Statistics of U. S.....204-224
" " of World.....225
" Stocks, List.....202,203
" Traffic.....204-225
Railways in China.....386
Rainfall, Normal, in the U. S.. 64
" of Foreign Cities..... 65
Rank of Officers, Army & Navy.366
Rapid Transit Com., N.Y.....490
Rates of Postage.....69-73
Ratio of Representation U. S. Congress 425
Ratio of Silver to Gold 177
Ready Reference Calendar. .42,43
Real Estate Mortgages, U. S...196
Realty and Personalty.....395,396
Rear-Admirals, U. S.....411
Receipts & Expenditures, U. S.159
Rechabites, Order of.....324
Record of Events in 1899.....81,82
Records, Commissioner, N. Y...490
Red Cross, American National.279
Redemption of U. S. Notes.....179
Red Men, Order of.....325
Reformed Churches, Alliance .332
" Church in America 333
" Episcopal Bishops.....331
Regents' Examinations, N. Y..536
Regents, University of N. Y....436
Regiments, Headquarters of. ..408
Register's Office, N. Y.....490
Registration of Voters.....138
Regular Army and Navy Union349
Reigning Families of Europe..371
Religious Statistics.....327-332
Representation in Congress, Ratio of..... 425
Representatives in Congr's.429-434
Republic, Grand Army of the..346
Republican National and State Committees.. 130
" Conventions in 1899 ...125,127
" League, National 132
" Party Platforms. 124,127
Republics and Monarchies..... 57
Revenues, U. S. Governm't.....158
Revolution, Dames of the.....351
" Daughters of the.....350
" Navy of the.....356-366
" Sons of the.....343
Revolver Records.....259
Rheumatism, Deaths from.....237
Rhode Island Election Returns 478
Rifle Records.....240
Rifles Used by Principal Armies354
Ritualistic Calendar..... 44
Rockefeller Family.....269
Rogation Days..... 26
Roman Catholic Hierarchy 330
Roman Era..... 25
Roque, or Croquet, Records...251
Rough Riders' Association.....348
Roumanian Royal Family 373
Rowing Records 247-249
Royal Academy 281
" Arcanum.....322
" Arch Masons.....319
" Family of England.....370
" Families of Europe.....371
" Masonic Order of Scotland 320
" Templars of Temperance.325
Rulers of Nations.....13,369
Rum, Production of.....197
Running Records.....252
Russia, Army & Navy of. 352,353,383
" Diplomatic Intercourse...152
Russian Calendar for 1900..... 44
" Empire.....367
Russian Government.....368,583
" Imperial Family 373
Rye, Production of.....190

S

SACK-RACING RECORDS.....253
Safe Deposit Co's in N. Y..498,527
Salt, Production of.....200
Salvation Army..... 339
Samoan Settlement.....13,97
Santiago, Society of Army.....348
Saturn, Planet.....38,38
Savings Banks, N. Y. City..497,527
" Banks Statistics.....182
Saxon Royal Family.....373
Scarlet Fever, Deaths from.....237
School Ships, U. S.....418
Schools in U. S.....294
" New York City.....509,528
Science Associations.....287
Sciences, Nat'l Academy of...288
Scientific Alliance of N. Y.....289
" Progress in 1899.....290,291
Scotch-Irish Society.....13,341
Scotland, Government of.....377
" Population of.....375,381
Scottish Clans, Order of.....325
Scottish Rite Masons.....318,319
Scrofula, Deaths from.....237
Sculpture.....280
Sea, Objects Visible at..... 61
Seasons, the 25
Secretaries, Cabinet, List..148-150
Senate, N. Y. State.....437
" Presidents of.....147
Senators, U. S.....427, 428
Servian Royal Family.....374
Settlers and Defenders of America.....340
Sewers, Commissioner, N. Y....489
Sheep in U. S.....192,193
Sheriff's Office, N. Y.....490
Shipboard, Time on..... 27
Shipbuilding in U. S.....169
Shipping, American & Foreign. 169
" Commissioner in N. Y....488
Shotgun Records 262
Shot-Putting Records.....251
Sidewalks, New York City....500
Signals, Weather.....62, 63
" Night, on Steamers.....188
Silver Deposited in U. S. Mints. 178
" Dollar, Market Prices of...176
" Production of.....176
" Purchases by U. S.....177
" Question in Party Platforms 124
" Ratio to Gold.....177
" Republican Committee....132
" U. S., in Circulation.....180
Skating Records.....261
Slater, J. F., Fund..... 316
Small-Pox, Deaths from. 237
Smokeless Powders.....355
Social Science Ass'n, American.288
Socialist Labor Party.....131
" Trade & Labor Alliance...134
Societies in N. Y. City.....524, 525
Soda, Production of.....200
Solar System..... 38
Soldiers' Homes, U. S..... 87
Sons of Confederate Veterans..349
" of Israel.....323
" of Temperance.....322
" of the Amer. Revolution...343
" of the Revolution.....343
" of Veterans, U. S. A.....347
" of War Veterans ..... .347
Sorosis.....325
South & Central Amer. Trade..388
" American Armies and Navies.....354
S. Carolina Election Returns...478
S. Dakota Election Returns....479
South African War.....94-96
Sovereigns of Europe.....370-374
Spain and U. S. Treaty.....88-90
" Army and Navy.....352, 353
" Diplomatic Intercourse...153
" Government of.....368
Spanish-American War, Casualties in U. S. Army...410
" Am. War, Nat'l Society..348
" " Naval and Military Order.....348
" Royal Family.....373
Spanish Ministry.....13, 368
Speakers of U.S. House of Representatives.....147
Specific Gravity 58
Spindles in Operation.....194
Spirits, Statistics of.....197,198
Spiritualists, National Ass'n...338
Sporting Records Begin.....240
Spring, Beginning of, 1900..... 25
Stage, the.....272
Stamp Tax.....156
Standard Time..... 26
Star, Nearest to Earth..... 38
" Table..... 33
Stars, Morning and Evening... 25
" the Fixed 34, 35
State and Terri. Governments..398
" and Terri. Indebtedness..173
" and Territorial Receipts..158
" and Territorial Statistics..397
" Capitals.....397
" Committees, Political.129, 130
" Constitutions.....388
" Department Officials.....399
" Elections.....398
" Flowers.....189
" Legislation in 1899....107-114
" Militia.....419
" Officers, (See Each State Election Returns.)
" U. S. Secretaries of.....147
States and the Union 39
Statistical Ass'n, American.....288
Statues in N. Y. City.....514
Statutes of Limitations..... 79
Steamboats from N. Y. City....526
Steamships from N. Y. City....522
" Transatlantic.....186-188
Steam Vessels, Inspection.....488
Steel, World's Production of...199
Stocks, Prices of Leading.13, 202, 203
Storm Signals..... 63
Street-Cleaning Dept., N. Y. C..489
St. Andrew, Brotherhood of...337
St. Louis Exposition.....285
" Naval Order of.....348
St. Vincent de Paul Society....334
Submarine Cables 227
Sub-Treasury, N. Y.....488
Suffrage Qualifications.... .136-138
" Woman.....138
Sugar Production. 195
Suicide, Statistics of.....235
Summer, Beginning of, 1900.... 25
Sun on Meridian.....45-56
" Mean Distance of..... 38
Sun's Declination..... 32
Sunday-School Statistics.....329
Supreme Court of U. S.....146, 402
" " N. Y.....434, 435, 491
Surrogate's Court, N. Y. City..491
Surveyors of Customs.....401
Survivors, War of 1812.....165
Sweden, Government of.....368
" and Norway, Area, etc...367
Swedish Royal Family.....374
Swimming Records.....254
Swine, Value of, in U. S.....192

SEE THE BUYER'S GUIDE, PAGES 549-559.

T

PAGE

TAMMANY, SOCIETY OF.....341
Tariff Rates, U. S.....154, 155
" Question in Party Platf'ms 124
Tax Commissioners, N. Y. State 436
" Department, N. Y. City....490
" Rate, U. S. Cities.....395
" War Revenue.....155-157
Taxable Property of U. S. Cities. 395
Tea Statistics.....198
" Tax.....157
Telegraph Information 228, 229, 230
Telephone Statistics.....229, 230
Telescopes, Large.....35, 290
Temperance, Sons of.....322
Temperature, Normal, in U. S. 64
" of Foreign Cities.....65
Tennessee Election Returns....479
" Society of Army of.....345
Tennis Records.....540
Territories of United States. 397, 398
Texas Election Returns.....481
Theatres, New York City...493, 535
Theological Schools in U. S....294
Theosophy.....326
Thermometers, Comparative Scales.....61
Tide Tables.....66, 67
Time Difference Between New York and Foreign Cities 27
" Divisions of.....26
" Mail, from New York.....74
" on Shipboard.....27
" Standard.....26
Tin, Production of.....199
Tobacco, Production of.....192
" Tax.....155
Tonnage, Maritime.....169
Tornado Statistics.....63
Tract Society, American.....336
Trade, Foreign, of U. S....166, 167
Transatlantic Steamers....186-188
Treasury Department Officials. 399
" Secretaries of the.....148
Treaty with Spain.....88-90
Troops in Wars of U. S.....86
Trotting Records.....242
Trust Companies in N. Y...498, 523
Trusts in U. S.....120-123
" in Party Platforms.....126
Turf, the American.....241-243
Turkey, Army & Navy of..352, 353
" Government of.....368
Turkish Empire.....367
Twentieth Century.....35
Twilight Tables.....45-56
Typhoid Fever, Deaths from..237

U

UNION ARMY CORPS, SOCIET'S. 345
" Veteran Legion.....347
" Veterans' Union.....347
Unitarian Ass'n, American.....333
United American Mechanics..325
" Confederate Veterans.....349
" Daughters of Confederacy. 349
" Society Free Baptists.....335
" Sons Confederate Vets....349
" Workmen, Order of.....325

PAGE

United States Army.....405
" and Canada Commission..100
" Army Generals.....405, 410
" Army Recruiting Requirements.....408
" Assay Office in N. Y.....488
" Assistant Treasurers.....401
" Bankruptcy Law.....183
" Civil Service Rules....104, 105
" Colonies.....93
" Constitution.....141-145
" Courts.....402, 492
" Currency Circulation.....180
" Customs Duties.....154, 155
" Daughters 1812, Society.....351
" Diplomatic and Consular Service.....420
" District Attorneys.....403
" Forestry Statistics.....189
" Government.....399, 400
" Life-Saving Stations, Inspector, N. Y.....488
" Marine Corps.....411
" Marshals.....403
" Military Academy.....404
" Military Departments.....406
" Naval Academy.....404
" Naval Enlistment.....417
" Navy.....13, 365, 411-418
" Naval Stations.....418
" Notes, Redemption of.....179
" Pension Statistics..164, 165, 400
" Post-Office Statistics.....172
" Public Debt.....174
" Public Lands.....162, 163
" Receipts & Expenditures. 159
" Senate.....147, 427, 428
" Supreme Court.....146, 402
" Veteran Navy.....348
" Warships.....356-366, 413
Unitarians.....327
Universal Peace Conference.... 98
Universalist Gen'l Convention. 333
Universities of U. S.....295-315
University Boat-Racing.....247-249
" Extension.....317
Uranus, Planet.....28, 38
Utah Election Returns.....483

V

VALUATION, ASSESSED, OF PROPERTY IN U. S.....395
Value of Foreign Coins.....175
Vanderbilt Family.....268, 269
Vaulting Records.....253
Venezuelan Award.....82
Venus, Planet.....38
Vermont Election Returns....483
Veterans, Sons of.....347
Vice-Presidents of U. S., List. 13, 147
Virginia Election Returns.....484
Volunteer Life-Saving Corps..525
Volunteers of America.....339
" Officers of.....405, 409
Vote, Popular & Electoral..118, 439
Voters, Registration of.....138
" Qualifications for.....136-138

W

PAGE

WAGES, WORKINGMEN'S.....168
Walking Records.....262
War, Civil, Statistics of.....87
" Department Officials.....399
" of 1812, Societies of.....344
" of 1812, Survivors.....165
" Revenue Taxes.....155-157
" Secretaries of.....148
" Veterans, Society of Sons. 347
Wards in N. Y. City.....542
Wars of U. S., Troops Engaged. 86
Warships of U. S.....356-366, 413
Washington, D. C.....153, 396
" State Election Returns....485
Water Commissioners, N. Y...489
" High, Various Places.....67
Wealth of U. S.....158
Weather Bureau, N. Y.....488
Weather, Rules for Foretelling 61
" Signals.....62
Weight-Throwing Records....251
Weights, Domestic.....78
" Measures, Metric.....75
" of Great Britain.....78
" of Produce.....77
West Point Military Academy..404
W. Virginia Election Returns..486
Wheat Harvest Calendar.....190
" Statistics.....190, 191
Wheelmen, League Amer'n...388
Whiskey, Production of.....197
White Cross Society.....338
Whooping Cough, Deaths from 237
Wind Signals.....63
Winds, Velocity of, in U. S.....65
Wine, Statistics of.....197, 198
Winter, Beginning of, 1900.....25
Wisconsin Election Returns...486
Woman Suffrage.....13, 138
Woman's Christian Temperance Union.....13, 334
Woman's Relief Corps.....13, 347
Women's Clubs, Federation of. 325
Woodmen, Fraternal Order....325
Wool, Statistics of.....193
Workingmen's Wages.....168
Workmen, United Order of....325
World, Religions of the.....327
" Statistics of Countries of..367
World's Ecumenical Missionary Conference.....334
Wurtemberg, Royal Family...374
Wyoming Election Returns...488

Y

YACHTING RECORDS.....256, 257
Yale Baseball.....246
" Boat Races.....247, 248
" Football.....264
Yellowstone National Park....163
Young Men's Christ. Ass'ns....336
" People's Christ'n Union..334
" Women's Christ. Ass'ns. 13, 336

Z

ZINC, PRODUCTION OF.....199
Zionist Movement.....334

Floriculture in the United States.

THE floriculture industry in the United States in the census year was made the subject of a special investigation by the Census Bureau, with the following results, the statistics applying solely to the business of flower merchants or florists:

Number of establishments	4,659
Square feet of glass covering	38,823,247
Value of establishments	$38,355,722
Men employed	16,847
Women employed	1,958
Product of year: Rose bushes	49,056,253
" " Hardy plants and shrubs	38,380,872
" " All other plants	152,835,292
Total value of product	$12,036,477
Cut flowers in addition	14,175,329

SEE THE BUYER'S GUIDE, PAGES 549-559.

Index

OF NOTEWORTHY ARTICLES OR PARAGRAPHS IN PRECEDING VOLUMES OF "THE WORLD ALMANAC."

Articles.	Volume.	Page
Actors and Actresses, Professional and Non-Professional Names of	1888	135
Alcoholic Drinks, Consumption of, in the World	1890	108
Alien Landholders in the United States	1888	90
America's Cup, Record of Races for	1894	278
Arbitration Treaty with Great Britain	1898	87
Australian Ballot System	1892	90
Bartholdi Statue Described	1887	24
Battle Calendar of the Republic	1899	85
Bible Statistics	1894	219
Boodle Aldermen of New York, List of	1888	118
British Throne. Order of Succession to	1896	351
Bryant's Index Expurgatorius	1893	192
Cemeteries, National	1894	295
Cemetery Population, U. S.	1895	227
Census, Eleventh U. S., How Taken	1890	57
Centuries Ago	1894	42
" "	1896	44
Chicago, Information About	1893	423
Chicago, Maps of	1893	423
Chicago, World's Fair	1891	70
" " "	1892	67
" " "	1893	75
" " "	1894	81
Chinese Exclusion Act	1894	106
Chinese Treaty with the U. S.	1895	100
Clearing-Houses of the World, Statistics of	1890	96
Coins, American, Prices of Rare	1888	112
College Fraternities	1893	183
Columbian Postage Stamps Described	1893	150
Columbus to Veragua, Pedigree	1894	82
Commonest Proper Names in Use	1898	256
Conemaugh Flood	1891	67
Constitution of New York, New	1895	93
Constitutional Amendments, Proposed	1890	78
Counterfeits, Dangerous	1890	136
Cuba, Description and Map	1899	78
Cyclones, Statistics for 87 Years	1889	24
Czar's Universal Peace Proposal	1899	106
Diplomatic Intercourse with Foreign Nations	1895	124
Dispensary Liquor Law of S. C.	1894	108
Divorce Laws of All the States	1894	200
Earthquake Record of 1891	1892	190
Electrical Facts	1891	152
Electricity, Death Penalty by	1889	114
Erie Canal, Dates of Opening and Closing	1898	32
Executions by Electricity	1889	114
Faribault System of Education	1893	185
Fecundity, Statistics of	1895	231
Fisheries of the United States	1893	150
Flag, American	1892	246
Floriculture in the United States	1892	140
Flower, New York State	1892	66
Governors of States, List of, from the Revolution	1896	125
Hawaii, Joint Resolution Annexing	1899	96
Hundred Best Books, Lubbock	1895	247
Hudson River, Dates of Opening and Closing	1898	32
In Darkest England	1891	189
Income Tax of 1894	1895	92
Index Expurgatorius	1893	192
Influence of the Moon on the Weather	1898	52
Inter-Continental Railway	1891	150
International Marine Conference	1890	56
Labor Commission U. S., Recommendations of	1895	94
Labor Movement in U. S., Chronology of	1892	93
Labor Strikes, Tabular History of	1895	96
Lake Erie, Dates of Opening and Closing	1898	32
Land Areas in the U. S. and Europe	1890	96
Liberty Enlightening the World, Statue of	1887	24
Library of Congress	1894	373
Lightning, Damage by, in the United States, Statistics of	1889	23
Marine Conference, International	1890	56
Marriage Laws of All the States	1894	197
Medal of Honor, U. S. Military, List of Persons Awarded	1899	84
Mining Claims, Land Office Procedure in	1890	95
Mormons, The	1897	329
Ministers, U. S., Abroad and to U. S., from 1789	1895	124
National Bank Capital, Where Held	1888	104
National Cemeteries	1894	295
Naval Guns, Range of	1892	252
Naval Vessels of the Great Powers, Lists of	1899	344
Navigation of the Erie Canal, Dates of Opening and Closing for 60 Years	1898	32
Novels, Hundred Greatest	1895	246
Pan-American Conference	1890	60
Population of Nations of the World, Density of	1896	206
Porto Rico, Description and Map	1899	80
Postage Stamps, Old, Prices of	1888	113
" " "	1893	150
Postal Statistics of the World	1890	90
Presidents of the U. S., their Biographies in Brief	1897	116
Prohibition Party, Growth of	1889	97
Produce. Comparative Prices of	1890	105
Railroad Facts	1892	154
Railroad Strike of July, 1894	1895	98
Railway Between North and South America	1891	150
Reciprocity Treaties	1893	131
Shakespearian Table	1893	185
Silver Purchase Repeal Legislation	1894	102
Silver Question	1886	50
" "	1888	68
Single Tax Explained	1898	86
South Carolina Liquor Law	1894	108
Spanish-American War, History of	1899	64
Stage, Professional and Non-Professional Names of Actors and Actresses	1888	135
St. Mary's Canal, Dates of Opening and Closing	1891	37
Sub-Treasury Scheme of the Farmers' Alliance	1892	91
Suicide Statistics of the U. S.	1890	132
Tariff Legislation, 53d Congress	1895	86
Taxation of Bank Issues, U. S.	1895	101
Telegraphic Statistics of the World	1893	149
Telescopes in the U. S., Large	1889	124
Tornadoes, Statistics of, for 87 Years	1889	24
Torpedo Service of the World	1886	65
Truck Farming in the United States	1892	140
Utah, Act Admitting	1895	117
Utah Commission, Report of	1890	161
Venezuelan Boundary Treaty	1896	67
Veto Power of the Executive in All the States	1888	58
Vine Cultivation in the United States	1892	140
Volapük	1892	195
Water Supply of American Cities	1888	109
Wealth of Nations	1890	114
Weather Wisdom	1886	160
Whist, Laws of	1897	253
World's Columbian Exposition	1891	70
" " "	1892	67
" " "	1893	75
" " "	1894	81
World's International Expositions, List of	1892	74

.. THE ...

New Hoffman House.

ABSOLUTELY
FIRE PROOF.

I. P. CADDAGAN,
Manager.

Madison Square, NEW YORK.

GLENN'S SULPHUR SOAP.

The original and best combination of its kind.

No other soap has the same sweetening and disinfecting properties.

FOR THE TOILET AND BATH
It Purifies, Heals, and Prevents Disease.

For Sale by
Druggists Generally.

Hill's Hair and Whisker Dye, Black and Brown, 50c.

Heat, Light & Ventilation

Largest Makers of Heating, Ventilating, and Lighting Apparatus in the World.

Established 1842.

Experience teaches; our name is a guarantee of excellence. For sale by responsible dealers everywhere.

Illustrated cyclopedia mailed free.

Heat, Light, and Pure Air—these three spell "life." You cannot afford to remain in ignorance.

INTERNATIONAL HEATER CO.

MAIN OFFICE & FOUNDRY, UTICA, N. Y. U.S.A.
BOSTON OFFICE & WAREHOUSE, 47 UNION ST.
CHICAGO OFFICE & WAREHOUSE, 48 DEARBORN ST.
NEW YORK OFFICE & WAREHOUSE, 237 WATER ST.

Occurrences During Printing.

Some weeks are occupied in printing a volume so bulky as The World Almanac, and it is necessarily put to press in parts or "forms." Changes are in the mean time occurring. Advantage is taken of the going to press of the last form to insert information of the latest possible date, which is done below. The readers of the Almanac are requested to observe these additions, corrections, and changes, and it would be well to make note of them on the pages indicated.

41. Anniversaries: September 12, Battle of North Point, near Baltimore, 1814.
83. Death Roll of 1899: Additional deaths were—Jacob Bright, 78, London, November 8; George H. Chickering, piano manufacturer, Milton, Mass., November 17; Charles Coghlan, 58, actor, Galveston, Tex.; Evan E. Settle, 51, Representative in Congress, Owenton, Ky., November 16; Gerson Siegel, 59, of the Siegel-Cooper Company, merchant, New York, November 15; Alvin Saunders, 82, ex-Governor of Nebraska, Omaha, November 1; Dwigh L. Moody, 62, evangelist, East Northfield, Mass., December 22; Henry W. Lawton, 56, Major-General U. S. V., battle of San Mateo, Luzon, December 19; Bernard Quaritch, 82, bibliophile, London, December 17; Dorman B. Eaton, civil service reformer, New York City, December 23
97. Samoan Treaty: Signed by the representatives of Germany, Great Britain, and the United States at Washington, December 2, 1899. It goes to the Senate for ratification.
115. Republican National Convention: Philadelphia, June 19, has been selected by the National Committee as the place and time for the Convention of 1900.
133. Union Reform Party National Committee: R. S. Thompson, Chairman, Springfield, O.; A. G Eichelberger, Secretary, Baltimore, Md.
138. American Woman Suffragist Association: Susan B. Anthony elected President, Anna Howard Shaw, Vice-President; Rachel Foster Avery, Secretary.
138. Woman Suffrage: An association of women opposed to the suffrage has also been organized in Oregon. A woman suffrage amendment to the Constitution will be submitted to the people in June, 1900.
147. Vice-Presidents of the United States: George Clinton was of Scotch-Irish lineage.
178. Monetary deposits of gold and silver at the mints and assay offices to January 1, 1899: Gold, $1,834,003,721.87; silver, $799,820,735.40. Total, $2,633,824,456.91.
202-203. On December 18, in consequence of a panic in the market, there was a general fall in the prices of stocks below the lowest given of many of the stocks, in the tables printed on these pages.
331. Old Catholic Archbishop: His address is Duvall, Keewaunee County, Wis.
331. Protestant Episcopal Bishops: Rev. Robert Codman, Jr., of St. John's Church, Boston, was elected Bishop of Maine, December 14.
334. Woman's Christian Temperance Union: Lillian M. N. Stevens is President; Susanna M. D. Fry, Chicago, Secretary.
336. Young Women's Christian Associations: The Executive Committee, Mrs. J. Herbert Tritton, Chairman, is composed of fourteen British ladies, and Miss Annie M. Reynolds, an American, is the World Secretary. The week of prayer is second week in November, instead of October.
338. Epworth League: Rev. Wilbur P. Thirkfield, D.D., has been chosen General Secretary, succeeding Rev. E. A. Schell, resigned.
340. Founders and Patriots of America, Officers of the General Court, 1899-1900: Governor-General, Stewart L. Woodford; Deputy Governor-General, Samuel E. Meigs; Secretary-General, Charles M. Glazier, Hartford, Ct.; Treasurer-General, Samuel V. Constant; Registrar-General, William A. Mitchell.
341. Society of Mayflower Descendants: New York Society: John Taylor Terry elected Governor; Levi P. Morton, Deputy-Governor; Jeremiah Richards, 83 Grand Street, Secretary.
341. Scotch-Irish Society: President, Hon. O. P. Temple, Nashville, Tenn.; Vice-President and Honorary Secretary, Rev. J. S. MacIntosh, D. D., LL. D., 220 Witherspoon Building, Philadelphia.
343. Society of the Cincinnati: Asa Bird Gardiner has been elected President and James M. Varnum Vice-President of the Rhode Island Society.
345. Society of the Army of the Potomac: Brevet Major-General D. McM. Gregg has been elected President.
345. Medal of Honor Legion: Theodore S. Peck, Burlington, Vt., elected Commander; George W. Brush, Brooklyn, N. Y., Senior Vice-Commander; John W. Heard, U. S. A., Junior Vice-Commander; Llewellyn G. Estes, Washington, D. C., Adjutant. Next annual convention in Brooklyn.
347. Woman's Relief Corps Auxiliary to the G. A. R.: Harriet J. Bodge, Hartford, Ct., National President; Charlotte E. Wright, New Haven, Ct., National Secretary. The membership in 1899 was 141,930. Expended for relief during the year, $180,375.94.
351. Daughters of the Holland Dames: Board of Managers for 1900, Mrs. E. A. Hoffman, Mrs. A. C. Chenowith, Mrs. W. Budd, Mrs. R. Benson, Miss Vanderpoel.
365-366. The New Navy: Where differences in details between this list and those on pages 413 to 417 appear, the latter should be accepted as the latest revised at the Navy Department.
366. Vessels of the United States Navy: The officially revised data concerning the equipment of the vessels of the navy appears on pages 413-415.
368. Spanish Ministry: Count of Torreanaz has succeeded Señor Bas as Minister of Justice.
369. Heads of Governments: Walther Hauser was elected President of Switzerland for 1900 on December 14.
374. The French Pretenders: Princess Isabella of Orleans married Prince Jean of Orleans in England, October 30, 1899.
405. The Army: Major-General Leonard Wood, U. S. V., has been appointed to the command of the Department of Cuba, succeeding Major-General John R. Brooke.
411. Navy Department: Certain bureau chiefs have the temporary rank of rear-admiral, but do not actually hold a commission as such, vide Paymaster Kenny.
413. United States Navy: The Secretary of the Navy in his annual report, December, 1899, recommended the building of eighteen additional war vessels; being three armored cruisers, three protected cruisers, and twelve gunboats.

ADVERTISING INDEX.

PAGE

Acetylene Gas Apparatus.
Acetylene Gas Apparatus Co. 591
J. B. Carroll..... 592
James H. Lancaster Co 592
Electric Gas Light Co 593
Frank E. Bundy Lamp and Sundry Co..... .593
Bournonville Acetylene Generator Co..... ii
Acetylene Generator Mfg. Co. iii
Bruce Generator Co..... iv
Drake Acetylene Apparatus Co. v
Harris Manufacturing Co..... v
Abner Gas Company vi

Addenda.
Buyer's Guide.....551-559

Agricultural Drain Tile.
John H. Jackson..... xi

Agricultural Implements.
O. E. Nichols & Co 561
A. H. Patch..... .579
Kemp & Burpee Mfg Co 602
John Dorsch & Sons.....606
D. Y. Hallock & Sons 607
American Harrow Co 565
Taughannock Emery Wheel Co..... .576
Racine Malleable and Wrought Iron Co.....566

Anti-Bursting Pipe System.
Pneumatic Domie Mfg Co..... ix

Architects.
Brogan & Reid.....585

Art Novelties.
Standard Art Mfg. Co.....xxvii

Artists' Materials.
Charles J. Ross 586

Awnings and Flags.
M. Magee & Son Co.....xxiv

Bankers.
Seymour, Johnson & Co.....541

Belting.
Charles A. Schieren & Co 595

Billiard Tables.
Brunswick - Balke - Collender Co.....586

Bits.
Leather Mouth Bit Co viii
Racine Malleable and Wrought Iron Co.....566
Imperial Bit and Snap Co.....602

Blue, Barlow's Indigo.
Pfromm & Kindig..... 590

Boats.
Racine Boat Mfg. Co..... .. 566

Bon Bons and Chocolates.
A. M. Tenney.....560

PAGE

Books and Publications.
Goodwin s Book-keeping and Business Manual..... 544
Excelsior Publishing House . .605
J. S. Ogilvie Publishing Co. . . .604
Charles E. Ely..... ... vii
Bookkeeper Co..... ... vii
Colby & Co. xv

Bottle Stoppers.
Victor Bottle Stopper Co.....599

Brewers, Lager Beer.
J & M. Haffen's Brewing Co. 573

Cable and Telegraph Co.
Anglo-American Tel Co.....xvi

Cameras and Photographers' Supplies.
J. H & J. Andrews..... vii

Carriages, Buggies, &c.
John Dorsch & Sons 606
U. S. Buggy and Cart Co.... ..601
Wilmington Wheel Co..... 601

Cigars.
J. H. Lucke & Co..... 578

Coal.
Manhattan Coal Co.....xix

Compressed Yeast.
Fleischmann's.....xxiv

Confectionery.
A. M. Tenney.....560

Contractors.
Haas & Fried 570

Cordage.
Union Selling Co.....597

Cream Separators.
Davis Cream Separator Co.....598

Dairy Products.
Slawson Bros.....xxv

Dentists.
Hayes Dental Association....xxx

Desks.
U.S. Desk, File & Cabinet Co..xxvi

Detective Agencies.
Newcome s.....585
T. J. Hardesty & Co.....587
International Detective Service.....xxiv

Elastic Seam Drawers.
J. A. Scriven Co.....xviii

Electrical Goods.
Stanley & Patterson 570
Ohio Electric Works.....579
Central Manufacturing Co.....579
Stucky & Heck.. 572
E. J. Tardie..... 568
William Roche.....xxxi

Engines.
Columbus Machine Co.....597

PAGE

Engravers.
Royal Engraving Co..... 563

Engravers, Printers, and Lithographers.
Metropolitan Bank Note Co.xxxi

Fences.
J. A. Mitchell 600
Ellis & Helfenberger.... 567
Jones National Fence Co 564
Elliott & Reed Co..... 564
Randall Fence Co..... vi
Pittsburgh Woven Wire Fence Co..... vi
Detroit Fence Co..... xii
Hartman Mfg. Co.....xi

Fire Extinguishers.
Rex Fire Extinguisher Co.....xiii
A. C. Rowe, Underwriters' Fire Extinguisher.....xiii

Fishing Rods.
Fred. D Divine xxvii

Flavoring Powders.
W. H. Baird & Co.....577

Florist.
J. Condon..... xiv

Fly Screens.
Higgin Manufacturing Co.....590

Gas Machines.
Ransom Gas Machine Co.....592

Gasoline Engines.
Charter Gas Engine Co..... ..578

Grindstones.
Velox Machine Works.....600

Harness.
American Harness Co..... 16

Heat, Light and Ventilation
International Heater Co..... 12

Horsemen's Goods.
Imperial Bit and Snap Co.....602
Racine Malleable and Wrought Iron Co.....566
Leather Mouth Bit Co.....viii

Hotels.
Hoffman House..... 11
Minden's Road-House.....viii
Hotel Kensington.....xxiv
Hotel Childwood..... .xxiv
Adams House.....xxiv
Hotel Bartholdi.....xxiv

Household Goods.
Cuprigraph Co 590
Pfromm & Kindig.....590
Famous Manufacturing Co.....590
Higgin Manufacturing Co.....590
Universal Sharpening Machine Co.....589
W. J. Adam.....589
C. E. Ross.....576

Incubators.
Racine Hatcher Co.....606

FOR WORLD ALMANAC ADDENDA

(The Buyer's Guide), See pages 549-559.

ADVERTISING INDEX.

PAGE

Instruction.
New York Preparatory School xv

Insurance.
New York Life 2
Mutual Reserve Cover 2
Liverpool & London & Globe 16
Equitable Life.
Back cover and 584
Mutual Life Insurance Co xvii
Fidelity and Casualty Co xix

Kallithenos Clubs.
Kallithenos Co xxvi

Lamps.
Automatic Gas Lamp Co 572
Metropolitan Daylight Lamp Co 571
Brilliant Gas Lamp Co 571
H. Merkel 569
Frank E Bundy Lamp and Sundry Co 593

Lawn Mowers.
E. C. Stearns & Co 603

Lithographers.
American Lithographic Co 605

Mantels.
Alcott, Ross & Scully Co ix

Mattresses.
Ostermoor & Co 541

Medical.
E. J. Smead & Co 577
Mrs Winslow s Soothing Syrup 577, 579
Alex. Speirs 578
John F Shafer. M. D 579
Muller's Famous Prescription 583
Wm. May. M. D 582
J. C Schnoter, Braces 581
Somerville Veterinary Medicine Co 581
Quencer's Pileoil 581
Slocum's Consumption Cure 580
Dr. Alfred Sanden, xxviii., xxix. 574, 575
Marshall Truss Co xxx

Metal Polish.
G W Hoffman 578

Metal Tiles.
Montross Metal Shingle Co 600

Metal Tiles and Shingles.
Merchant & Co 567

Metals.
A B. Packard 586

Milk.
Slawson Bros xxv

Miscellaneous.
Mail Order Advertisements, 576 577, 578, 579

Numbering Machines.
W. A. Force & Co vii

Office Supplies.
Niagara Clip Co 588

Oils.
Swan & Finch Co. 586

PAGE

Organs.
Cornish & Co 545

Paint.
New Jersey Zinc Co 597
Asphalt Rubber Paint Co 596
F. W. Devoe & Co 596
McLennan-French Paint Co. Ltd x
O. W. Ingersoll xxvi
Wilson Company xxvii

Paper.
New York & Pennsylvania Co 595
George H. Simpson & Co 562

Paris Exposition Tickets.
European Tourist Co 563

Patents.
R. S. & A. B. Lacey 585
Hubert E. Peck 587
David P Moore 587

Pens.
D. C. Aaron Pen Co. 569
O. E. Weidlich xii

Pianos.
Cornish & Co 545

Pipes.
Harvey & Watts Co 583

Polish and Rust Preventative.
G. W. Cole Co vii

Portable Photograph Machines.
National Photograph Machine Co xii

Powder.
Hercules Powder Co 598

Press Blankets and Tapes.
Edward H. Best & Co xxiii
H. R. Hallett vii

Printing Inks.
George H Morrill & Co. Cover 3

Printing Machinery.
F. Wesel Manufacturing Co 605
R. Hoe & Co xxxii

Pumps.
Field Force Pump Co 598
Bucket Pump Co 561
Rife Automatic Pump Co 572
Hanson & Rhodes 567

Railroads.
Long Island R R xiv
Brooklyn Rapid Transit, Map
Manhattan Elevated R. R. Map
Manhattan L and Third Ave. Surface Railroad transfer systems 550

Real Estate.
W. H. Crawford & Co 578

Safety Windows.
Defender Safety Window Co 599

PAGE

Sanitary Stills.
Cuprigraph Co 590

Saw Mills.
Salem Iron Works 579

Scales.
Pelouze Scale Co 589

Seedsmen.
W. Atlee Burpee & Co 608
J. M. Thorburn & Co i

Sharpening Machines.
Universal Sharpening Machine Co 589

Shoes.
Rich Shoe Co 576

Shot-Gun Cleaner.
I. J. Tomlinson 606

Soap.
Glenn's Sulphur Soap 11

Sportsmen's Goods.
I J Tomlinson 606
Fred. D. Divine xxvii

Springs.
Belle City Bolster Spring Co 597
Racine Economy Spring Co 602

Stock Fountains.
O E. Nichols & Co 561

Tailors.
Jacobs & Harris 569

Type Founders.
American Type Founders' Co 594

Typewriters.
Commercial Visible Typewriter 588
Hammond Typewriter Co xx

Vapor Launches.
Pierce Engine Co xii

Ventilators.
Berger Bros & Co 599
Globe Ventilator Co 568
Merchant & Co x

Wagons
Mitchell & Lewis Co., Ltd 601

Washers.
C. E Ross 576
Famous Manufacturing Co 590

Watches.
National Mfg. and Importing Co 576

Water Heaters.
W. J. Adam 589

Wines.
James Joseph 583

Wines and Liquors.
J. C. Childs 573

Writing Inks.
Thaddeus Davids Co 562

FOR WORLD ALMANAC ADDENDA

(The Buyer's Guide), See pages 549-559.

Are You in Need of a Road or Track Harness?

We make and can sell you a GENUINE RUBBER or GOLD TRIMMED enamel or plain leather FOLD HARNESS for $24.25, sent to you C. O. D., with the PRIVILEGE OF EXAMINING SAME WITHOUT COSTING you ANY MONEY. If you do not think it EQUAL to any $35.00 HARNESS you have EVER SEEN, return AT OUR EXPENSE. Let us know which you want. ROAD OR TRACK HARNESS; also whether RUSSET OR BLACK REINS. For ROAD USE traces are 7-8 inch, attached to BREAST COLLAR, LINED and STITCHED AT EACH END; NECK AND HIP STRAPS REEFED ON BOTH SIDES; KAY SADDLE; SLIDING GIRTH, or with GRIFFITH BUCKLES; BRIDLE 7-16 inch, with NARROW TRACK WINKERS; REINS DOUBLED, and STITCHED. These HARNESS ARE WELL MADE and of the BEST STOCK.

There are a few small changes in the TRACK HARNESS, including SHORT FRONT ON REINS. We also make these harness with 1-inch traces, and heavier in proportion all through, at the same price, and carry all three styles in stock. Address,

AMERICAN HARNESS CO., Newark, N. J.

THE LIVERPOOL AND LONDON AND GLOBE

INSURANCE COMPANY.

Chief Office, 45 William Street,

NEW YORK CITY.

Losses Paid in the United States Exceed

Seventy-five Millions of Dollars.

The World.

JOSEPH PULITZER.

THE crowning triumph for and the completion of a great international service by THE WORLD occurred on October 3, when the Anglo-Venezuelan Boundary Arbitration Commission rendered its unanimous decision, which was promptly accepted by both Governments. Thus the victory of that common sense which Gladstone declared was the only thing needed was complete, and the dispute of nearly sixty years' duration was ended.

It was a victory above all for the principle of arbitration. It was a victory for publicity. It illustrated the mighty power for good of a great, free, fearless, and independent newspaper, and its moral force in the community and nation. When President Cleveland sent his warlike message to Congress, asking for a commission to "determine the true divisional line" between Venezuela and British Guiana, and proclaiming that the attitude of Great Britain in its announced purpose to take from Venezuela by force what it claimed as its territory threatened the "peace and safety" of the United States and "the integrity of our free institutions," THE WORLD condemned the proposition and the menace that accompanied it as a "grave blunder." It insisted that "the question of a boundary is essentially a question of fact and of history, and, as such, eminently fit to be settled by impartial arbitration."

THE WORLD appealed to the consciences of the two peoples; it stood almost alone among the press of this country, and with the might of public opinion against it. All the jingoes in America cried for war. The British press and British statesmen said gloomily that war could not be averted.

THE WORLD did not pause. It secured in response to its cabled inquiries messages of peace and good will from Gladstone, Canon Farrar, prelates, and statesmen. The Prince of Wales, departing from traditional rules of royal etiquette, addressed the American people through THE WORLD, expressing his hope for a prompt settlement of the dispute. The voice of passion was stilled. The tide of sentiment on both sides of the Atlantic was turned, and every voice was for peace. On June 6, 1897, a treaty of arbitration between Great Britain and Venezuela was ratified. Venezuela chose Chief Justice Fuller and Associate Justice Brewer, of the United States Supreme Court; Great Britain named Lord Herschell and Justice Collins, of the Queen's Bench, and these four agreed upon Professor Martens, Counselor to the Russian Foreign Office, as the fifth member of the board to settle the long-standing dispute by the methods of peace.

The plaudits of the whole English-speaking peoples on both sides of the ocean followed, and later the Peace and Arbitration Societies of Great Britain, taking advantage of the presence of Mr. Joseph Pulitzer, Director of THE WORLD, in London, presented an address to him in recognition of the services of the great newspaper of which he is the inspiration and guiding spirit in averting war.

The result justifies the bold championship of peace by THE WORLD. The forecast is fulfilled. Conscience and common sense have triumphed through arbitration. War and aggression have both been avoided and substantial justice has been done to all. Civilization was advanced a century in a few months by the mighty force of a great newspaper, which has steadily for its object the welfare of mankind and the advancement of American civilization.

THE SOUTH AFRICAN CONFLICT.

When the war cloud first hovered over South Africa, THE WORLD opened direct communication with President Kruger in the interest of the new diplomacy of publicity and received an immediate response. President Kruger chose to make his appeal to civilization through THE WORLD, and presente a most remarkable state document for the consideration of civilization. On September 7, disregarding all quibbles and intricacies of diplomacy, he summed up the issues as they appeared to the Boer saying that the crisis was due to a certain section of British residents, "to whom the very existence of the republic is an eyesore," and who, "not content with the best mining laws in the world

wished also to have complete control of legislation and administration, the destruction of the republic, and h complet control of the richest mines in the world." He concluded sadly that "we have no such owerful friend as you proved to be to Venezuela and other republics. We have strong faith that the cause ' freedom and republicanism will triumph in the end." THE WORLD cabled President Kruger' message in full to Joseph Chamberlain. British Secretary for the Colonies, who was quick to reply in a reference to the British Blue Book for his side of the controversy.

President Kruger answered through THE WORLD that his Government had ever been ready to submit 'he dispute to arbitration, and suggested that a board of arbitration be selected, two members by England, two by the Transvaal, and the fifth by the President of the United States or the President of Switzerland, concluding with: "We have yielded everything but the life of the republic. We wish most earnestly for arbitration to prevent a war which would be an outrage against religion and humanity."

THE WORLD immediately set going the movement for arbitration, which resulted in the most powerful petition ever drawn to President McKinley, asking him to offer the kindly offices of the American Government in mediation of the dispute which had reached a stage that threatened the existence of two sister republics.

President Steyn, of the Orange Free State, cabled his grateful indorsement of THE WORLD'S effort for peace and urging the necessity for speedy action

Premier W. R. Schreiner, of the British Cape Colony, cabled from Cape Town his appreciation and sympathy with the movement for a peaceful settlement of the South African difficulties.

Archbishop Croke cabled: "Avert war by all honorable means."

Cardinal Logue said: "I am most anxious for peace."

The Archbishop of York, Archbishop of Canterbury, Right Hon. Leonard Courteney, M. P., Michael Davitt, and other prelates, statesmen, and public men of England indorsed THE WORLD'S effort to secure peace, while the signers of the petition to President McKinley in this country made it the most formidable document of the kind and the most representative of American feeling since the Declaration of Independence. Among the signers were ex-Senators George F. Edmunds and John Sherman, Archbishop Ireland, Gen. O. O. Howard, President Jordan, of Leland Stanford University; Donald G. Mitchell, Mayor Phelan, of San Francisco; President Warren, of Boston University; Frederic R. Coudert, ex-Vice-President Adlai E. Stevenson, ex-Senators Manderson and Ingalls, ex-Representative Breckinridge, John P. Altgeld, Augustus Van Wyck, William B. Hornblower, Ernest H. Crosby, T. Estrada Palma, Carl Schurz, Horace Boies, J. Sterling Morton, Archbishops Kain and Christie and sixteen Bishops of the Roman Catholic Church, Bishops Potter, Dudley, Whittle, Hare, and fourteen other Protestant Episcopal Bishops, ninety university and college presidents, forty Federal and State judges, the Governors of thirty-five States, one hundred and eight Senators and Congressmen, State officers, mayors, editors, clergymen, lawyers, business and professional men, and thousands of others of lesser note.

A great mass-meeting was held in Carnegie Hall in indorsement of THE WORLD'S petition. The petition was taken to Washington by a delegation of representative men on October 26. The President replied in effect that he should not offer his services as mediator unless formally asked to do so by the disputants, though the British Government made a similar offer to him at the beginning of the Spanish War.

But events moved too fast for peace on this polite form of preventing war. With clear insight the President of the Transvaal realized that to delay meant to provide better means for the destruction of the South African Republics. He therefore boldly warned England that unless troops were withdrawn by a fixed hour war would begin, and served notice to civilization through THE WORLD in words that have already become historic:

"The republics are determined that if they must belong to England a price will be paid which will stagger humanity."

Then came the clash of arms. Having done all it could to avert the war, THE WORLD now turned its attention to its next highest duty—that of presenting the earliest, most graphic, and complete report of each movement in the war. It retained Lieut. Winston Spencer Churchill, the talented son of Lord and Lady Randolph Churchill, with the American blood of the Jeromes in his veins, as its special correspondent in the field.

It presented to its readers an immense map of the section of South Africa which was the scene of the conflict, with carefully compiled descriptive statistics of the country. It printed comprehensive articles on Cecil Rhodes, the uncrowned diamond king and maker of modern Africa; the war itself, by Lieutenant-General Schofield; the arms and marksmanship of the Boers, by Maxim, and life in Boerland, by H. C. Hillegas, the American authority on South African matters. Lieutenant Churchill was taken prisoner by the Boers, and E. F. Knight, one of the ablest war correspondents on earth, took his place, only to be wounded at the famous fight at Belmont. He heroically dictated a graphic account of that battle, the best account that came over the cable. John Stuart, a third correspondent of THE WORLD, was cut off by the Boers at Ladysmith, all of which proves that THE WORLD did not err in selecting its correspondents, for the place for a war correspondent is in front, where he runs the risk of being shot or captured in getting accurate news at first hand. THE WORLD has presented the fullest and earliest news from the beginning of hostilities.

TAXING FRANCHISES.

THE WORLD'S crusade against unjust taxation, and its long fight for tax reform, was a memorable feature of the last session of the Legislature. It began January 11 by showing that to meet the extraordinary expenses resulting from the consolidation of more than 100 corporate communities into Greater New York, a tax rate of $2.60 seemed necessary on an increased valuation of $421,000,000; that real estate would be a burden, while the possessors of $7,000,000,000 of personal property in New York would swear off all but $500,000,000, leaving real estate to bear the burden of taxation. It called for a revision of the scheme of taxation, and Governor Roosevelt responded with a recommendation to that effect. Three city wards held meetings, five taxpayers' associations also held meetings to indorse THE WORLD'S crusade. The Real Estate Exchange and the Real Estate Board of Brokers joined with THE WORLD.

THE WORLD revealed that the franchises of corporations holding monopoly for railway tracks, subways, and other privileges in the street were worth not less than a billion dollars, and that these and other tangible franchise properties enjoying privileges of inestimable value from the people were paying nothing for them. If taxed they would yield enough revenue to raise the city's debt limit by at least one hundred million dollars, thus enabling the city to issue the necessary bonds for constructing a rapid transit road, and to go on with the East River bridges.

Senator John Ford prepared a bill and presented it to the Legislature, providing for the taxation of all franchises and special privileges. A citizens' mass-meeting at Lenox Lyceum indorsed the bill,

and THE WORLD sent able lawyers to Albany to present arguments for the passage of the bill before the Committee on Taxation. On March 21 a whole page of editorial matter set forth the injustice and inequality of the tax laws as they then existed. A petition bearing 19,000 signatures was presented at Albany by THE WORLD. The Franchise Tax bill became a law. The first effect was a renewal of the work of the Rapid Transit Commission. It was the most important legislation in this State in several years.

THE EDITORIAL FORUM.

THE SUNDAY WORLD'S Editorial Forum, an innovation in journalism, has been made brilliant by the contributions of some of the best minds of America and Europe. Among those who have contributed to the discussion of living themes in these columns are Grover Cleveland, "American Citizenship;" Brig.-Gen. Frederick Funston, "The Filipino as a Fighter;" Frank R. Stockton, "The Way Out of the Philippine Embarrassment;" Assemblyman Mazet, "The Lesson of the Investigation," and Rev. Dr. Chas. H. Parkhurst, "The Devil a Poor Saint," a review of the Mazet Investigation; Paul Leicester Ford, "Democracy and the Fighting Line;" Margaret Sangster, editor of *Harper's Bazar*, "How Women May Win Success in Journalism;" Dr. T. H. Salisbury, "The Course Dinner a Public Menace;" John Sherman, "What Shall We Do with the Philippines?" Count Ivan Tolstoi, "Is War Against the Will of God?" Ira D. Sankey, "Song as a Civilizer;" Collis P. Huntington, "Education for Bread Winners;" Senator Depew, "The Value of Stump Speaking;" John W. Bookwalter, "Will Russia Take a Hand in the War?" Gen. Fitzhugh Lee, "The Future of Cuba;" President Walter S. Logan, New York Bar Association, "The Injustice of Large Inheritances;" David Belasco, "Has the Bad Woman of the Stage a Good Influence?" the Right Hon. William E. Lecky, of the Dublin University, "Present State of Morality in the World;" John Burroughs, "A Lesson in Thinking;" Marquis of Lansdowne, "England's Military Status in the Transvaal;" Elizabeth Cady Stanton, "One Way to Abolish Unhappy Marriages;" Bishop William Croswell Doane, "The Social Crisis and How It Should Be Met;" Maarten Martens, Holland's foremost author, "To England," in verse; Charles Broadway Rouss, merchant prince, "Getting There First;" Nathan Straus, philanthropist, "Should the Word 'Charity' Be Abolished?" Dr. Edward Hecker, of Weisbaden, "To Cure Insomnia Without Drugs;" Hudson Maxim, inventor of the Maxim guns, "Arms and Marksmanship of the Boers;" Dr. Depew, "A Review of Irving's 'Robespierre;'" Ouida, "The Doom of Art;" Rev. Newell Dwight Hillis, successor of Beecher and Lyman Abbott in the pulpit of Brooklyn's Plymouth Church, "Fiction and Poetry the Great Instructors of To-Day;" Lillian Russell, "Divorce;" Israel Zangwill, "What Is Yiddish?" Prof. Cesare Lombroso, the world's greatest criminologist, "Crime Among the Rich;" Pierre Loti, of the French Academy, "Behind the Eye of the Cat;" United States Senator Henry M. Teller, "Uncle Sam in the Far East;" Amelia E. Barr, "Do the Dead Remember?" Dr. Talmage, "My Full-Blooded Cow;" Marconi, the electrical wizard, "Telegraphy Without Wires;" Sir Thomas Lipton, "Why So Few Irishmen Are Coming to America Now;" President Francis Patton, of the Princeton University, "Morality of College Boys;" Rudyard Kipling, "The Law and the Lady;" Russell Sage, "The Money Market;" Rev. Robert Collyer, the blacksmith preacher, "How Shall We Fill the Churches?" Mary E. Wilkins, greatest of New England novelists, "Are the Best Stories True?" John C. Sheehan, "How the Philippines Will Increase McKinley's Political Power;" Henry Clews, successful banker, "Beefsteak as a Civilizer;" Senator William B. Allison, "The Boom of the Century;" Henry Labouchere, the great editor and reformer of London, "The Unholy War;" John Kendrick Bangs, the humorist, "The New Disease, the Loving-Cup Industry;" Senator Mark A. Hanna, "False Prophets and Tin Gods;" President James J. Hill, of the Great Northern Railroad, "The New Prosperity and Its Stumbling Block;" Susan B. Anthony, "Results of Forty Years, a Retrospect;" D. O. Mills, "Ruinous Extravagance of the Poor;" ex-Mayor Wm. L. Strong, "A Lesson in the Price of Wool;" Mrs. Russell Sage, "Women Will Vote in 1914," a prophecy; Wm. R. Merriam, Director-General of the Census, "New York at the End of the Next Century."

AS A MEDIUM OF COMMUNICATION.

When prince or politician, or church dignitary, or scientist, or other publicist desires to express his views to the great American public, he naturally seeks the great representative newspaper of the country. THE WORLD is so considered, and it is recognized as a newspaper bent on printing all the facts, giving fair expression to both sides, as is evidenced by the number and character of those who have used it as a medium of communication.

Ambassador White addressed the American people through THE WORLD in an impressive summing up of the work of the International Peace Conference at The Hague, saying: "It marks the first stage of the abolition of the scourge of war."

The last great public utterance of the late Congressman Nelson Dingley, Chairman of the Ways and Means Committee of the House of Representatives, was in the form of an address to the people, in which he presented an able and remarkable exposition of the finances of "Empire," and he chose THE WORLD as the medium through which to reach the people.

Emperor William II. talked to the people of this country through THE WORLD of a closer union of the United States with Germany.

Cardinal Gibbons, head of the Roman Catholic Church in America, reached the people through THE WORLD in a 3,000-word communication on "The Cancer of Divorce."

Vice-President Figuere, of San Domingo, informed the American people through a despatch to THE WORLD that the assassination of President Heureaux was a murder, not a political killing. This gave much relief to those having commercial connections likely to be injured by an uprising in the "Black Republic."

THE RAMAPO ROBBERY.

More water than New York uses goes to waste over the Croton dam, yet the Board of Public Improvements would have given a contract to the Ramapo Water Company, by which it had the privilege of selling $5,000,000 worth of water to the city every year for forty years, had it not been that THE WORLD discovered and exposed the scheme. By the Ramapo robbery the city would have been mulcted in eight years for more than the whole Croton lands, aqueducts, and reservoirs cost, and the life of the contract made it worth $200,000,000 to the conspirators. After the exposure the Board of Public Improvements showed signs of being ready to defy the public, and THE WORLD secured an injunction forbidding the Board to make the contract and killed it.

WOMAN'S ADVANCE IN THE WORLD.

The pages of THE WORLD are guide posts in the progress of civilization, the advance of the people toward that higher life which is the ideal of the sociologist, and in no phase of the onward march has there been anything more conspicuous than the uplifting of woman during the last half of the century. And her advance has been by her own energy and exertion, unaided, as Mrs. Elizabeth Cady Stanton well says, by any party, clique, or conspicious body of men. Women have given to THE WORLD in the past years many thoughtful, timely articles. Among these contributors have been Susan B. Anthony, who resolutely opposed the entirely feminine movement to keep Roberts, the Mormon Representative-elect, out of Congress, and Mrs. Stanton, the two "Grand Old Women" of America, who have battled for the emancipation of their sisters, as they did fifty years ago for the freedom of the black slaves.

Grace Cornean, Countess de St. Maurice, who accompanied the party of Viceroy and Lady Curzon to India as THE WORLD'S special representative at the Maharajah's splendid court, contributed several articles, not the least interesting of which recounted her own experiences hunting real Bengal tigers in the jungles.

Patti's own story of her life, her three husbands, and her greatest love story illustrated the marvellous capacity of the human heart for youthfulness when its owner is happy.

Mmes. Bernhardt and Rejane on the Dreyfus trial.

Helen Gardiner, life-long friend of Col. Robert G. Ingersoll, and author of "The Unofficial Patriot" and "The Rev. Griffith Davenport," wrote after the death of the great agnostic on "The Heart Cry of Ingersoll's Family."

Mrs. John Gilbert marked her eightieth year by writing for THE WORLD about her first appearance on the stage, illustrated by many rare photographs.

Lady Drummond, widow of the grandson of the Earl of Perth, and wife of Harry Masters, a Brooklyn mechanic, told the story of her elopement to America with the Earl's grandson, who became a laborer, and, dying, left her penniless, but with a little daughter who may some day become Lady Drummond.

Mrs. Coghlan wife of Capt. J. B. Coghlan, of the Raleigh, in her husband's defence.

Mrs. Fred. Funston, wife of "Fighting Fred," now a Brigadier-General, told about the life of a hero's wife after spending her honeymoon on the firing line in the Philippines.

Mrs. Harry J. Collins narrated the story of her life in Alaska.

Mrs. Leonard Wood wrote the story of her life in Santiago and the work of her husband, General Wood, in Cuba.

There were timely articles by Emma Nevada, the famous singer; "Jennie June" (Mrs. J. C. Croly), first President of Sorosis; Mrs. John King Van Rensselaer, Mrs. Burton Harrison, Elizabeth Stuart Phelps, Beatrice Harraden, and Maude Adams.

BABE RETURNED—KIDNAPPERS PUNISHED.

Baby Marion Clarke was kidnapped in Central Park on Sunday, May 21. In twenty-four hours every man, woman, and child in New York was searching for the lost baby. Her parents were frantic. The mother became prostrated. For eight days the country was aroused, excited, and angry over this dastardly outrage. On May 23 THE WORLD offered a reward of $1,000 to any one "who shall furnish to the Chief of Detectives of the New York City police force information leading to the recovery of the child, and leading to the arrest and conviction of the person or persons who planned, executed, or abetted said kidnapping."

On May 21 two women with a girl baby rented a room for the night in the home of Mrs. James Cosgriff in Brooklyn. On May 23 Mrs. Cosgriff saw a picture of Baby Marion Clarke in THE WORLD. She notified Chief McClusky of her strange guests, who had been overheard saying they were going to a place the name of which ended in "burg," the fare to which was $2.50. McClusky's men were soon scouring the regions of Sloatsburg, N. Y. Meantime Ada B. Carey, postmistress at St. John's, a lonely hamlet in the Ramapo Mountains, a few miles from Sloatsburg, had seen that picture, and she immediately recognized it as the portrait of a strange child in the custody of a strange visitor to her post-office, and set out to find a justice of the peace and get a warrant. Mamie Conklin, of St. John's, saw this woman and child and her suspicions were aroused. Her father sent a telegram to Capt. McClusky, which gave him the first information of where the child was. George Beauregard Barrow and his wife were arrested May 29, near St. John's, with Baby Clarke in their hands, and "Carrie Jones," the nursemaid, whose real name was Belle Anderson, was identified by a picture in THE WORLD and arrested at Summit, N. J., on June 2. Baby Marion was restored to her parents.

All three kidnappers were indicted, tried, and convicted within two weeks, and are now serving heavy sentences in State prisons. On June 2 Capt. McClusky, in accordance with THE WORLD'S offer, divided the reward between Mrs. James Cosgriff and Austin Conklin.

INTERESTING SPECIAL FEATURES.

The publication of the Rev. Charles M. Sheldon's wonderful book, "In His Steps," as a serial in THE WORLD was one of the most talked-of exploits of journalism during the year.

It was followed by H. G. Wells' remarkable story, "When the Sleeper Wakes," which told of the new life opened to a man who, falling asleep in the nineteenth, awakes in the twenty-first century.

Miss Maude Adams' charming narrative of "Romeo and Juliet," in which she was playing at the time, and a delightful prose version of "Barbara Frietchie," by Julia Marlowe, for whom it had been dramatized, were among the literary features of THE WORLD.

THE WORLD had the pleasure of introducing the famous actress, Miss Clara Morris, as a story writer of no small talent.

"The New Decameron" made ten days of story telling, in which A. Conan Doyle, Maurice Jokai, William Le Queu, Julian Hawthorne, the late Grant Allen, George R. Sims, Gilbert Parker, Justin H. McCarthy, W. Clark Russell, and S. Baring Gould took part.

Hugh Bonner, ex-Chief of the New York Fire Department, wrote a series of true stories of the exploits of the army of heroes from the head of which he had just retired.

Dr. Talmage's Saturday lectures followed Revivalist Moody's one-minute sermons, and John Swinton's articles on social and labor questions kept both company.

Of great interest to amateur and professional sports were the lessons in billiards by Jacob Schaefer, "The Wizard of the Cue;" in wrestling, by Ernest Roeber; in boxing, by Terry McGovern; in dancing by Prof. Carl Marwig, each fully illustrated and diagrammed.

WHAT OTHER PEOPLE SAY ABOUT THE WORLD.

The Buffalo Times—Some citizens of the United States, under the lead of one of its enterprising journals, the New York WORLD, made an effort (in behalf of the Boers) to put in practice the principles and fine theories of The Hague Peace Conference. The opportunity was a fine one to apply the plan formulated by the conference.

The Worcester Spy—The New York WORLD continues its efforts to induce the President to suggest to Great Britain that arbitration is better than war in the case of the Boers. It is pertinent at this time to inquire what the great Peace Conference at the House in the Woods accomplished last Summer. Many days were given up to the agitation of olive branches and plans for universal peace. Yet there is no peace. Hardly was the convention over when the tocsin of war sounded.

Omaha World-Herald—President McKinley has rejected the monster petition of the New York WORLD praying him to offer his services as mediator between England and the Transvaal. The World-Herald believes that alike from a religious, a humane, or a political standpoint the President's action is indefensible.

Leslie's Weekly—We doubt if any newspaper has ever before succeeded in getting behind it such powerful influences in the professional, political, social, and business world as the New York WORLD gathered together in its spirited effort to secure the friendly mediation of the United States between Great Britain and the South African Republics. THE WORLD'S petition to the President, asking him to offer the friendly services of this country in the field of arbitration, was the legitimate outcome of the great Peace Congress at The Hague, and the first real and practical effort since the close of that congress to carry out its purpose. It is not surprising that the great New York newspaper had the earnest and prompt support of every thoughtful man who realized the horrors of war and the beneficent influences of peace.

Middletown Daily Argus—The New York WORLD is just now made especially attractive by a new style of illustration, which has been copied by other metropolitan dailies and by papers in the large Western cities. It is a sort of crayon imitation, and is particularly effective, that of the late President Faure being pronounced especially good.

Trenton True American—The New York WORLD is entitled to the credit of having taken the initiative in breaking the mystery that has so sedulously been kept around the Adams poisoning case.

William Barnes, Jr., editor of the Albany Journal—The modern development of newspapers is certainly along the lines of THE WORLD'S departure. The people more and more desire to hear what others have to say.

B. F. Paine, Cleveland Press—There is and always will be a demand for the opinions of people who have studied things social, political, religious, economic, and scientific. That demand you have, I take it, undertaken to supply with editorials signed by such men as Sherman, Tolstoi, Sampson, and Sankey, presented in THE WORLD'S Editorial Forum.

Clark Howell, Atlanta Constitution—The Editorial Forum appeals to the common sense of the reading public, and is a distinct recognition of the demand of intelligence rather than a surrender to sensationalism.

E. A. Grozier, Boston Post—In my opinion the Editorial Forum of THE WORLD is a very excellent feature, appealing, as it does, to intelligent and thoughtful people.

E. H. Clement, Boston Transcript—I have admired greatly from the first THE WORLD'S Editorial Forum. It seems to me the augury and realization of a better journalism.

Harrisburg Telegraph—The New York WORLD is engaged in an enterprise that the press of the country will heartily indorse—it is exposing the Christian Scientist healers, and doing it in such a way as must drive the quacks out of business. More power to it, and may it keep up the work until the sham is riddled to pieces.

M. Paul de Rousiers' book on "American Social Life," Paris—The influence of certain American journals is great. The New York WORLD enjoys an incontestable authority.

Oshkosh Times—A Tammany man sued THE WORLD for $75,000 and got six cents. The verdict is more cruel than the original libel.

Paris Journal des Debats—THE WORLD has many detractors, but even more readers. It is the most widely read sheet in the United States. It often prints more than a million copies in a day.

COMPELLING COMPENSATION FOR FRANCHISES.

When street railway competition in New York was reduced to two companies, through the absorption of all the others, and these two "pooled their issues" and agreed to divide up the eighty miles of streets for which each had asked a franchise, THE WORLD pointed out that this meant an absence of that competition which would make the public sale of the franchises a real auction. Each company asked only for a franchise for such streets as had been allotted to it in the combine, and offered to the city 3 per cent of the gross receipts for the first five years, and 5 per cent for the twenty years remaining of the term of the franchise. THE WORLD protested that these were the most valuable franchises the city had to give, with a monopoly of the traffic from the city to Yonkers, and that much higher compensation should be given. It showed that sixteen street surface railways alone, capitalized at $78,600,000, with gross earnings in 1896 of $13,869,000, paid into the city treasury on franchise account only $192,000. The Board of Estimate saw the light, and fixed the rates for the first sixteen-mile franchise at 4 per cent for the first five years, 6 per cent for the second five years, 8 per cent for the third five years, and 10 per cent for the remaining ten years.

DEFEAT OF THE ASTORIA GRAB.

The defeat of the attempt of the Astoria Light, Heat, and Power Company to grab a monopoly of the city's streets, under the guise of a bill before the Legislature purporting to be intended only to give the Consolidated Gas Company the right to lay pipes under the East River, connecting the company's new works on the Long Island side with its feed pipes on the New York side, was one of the notable services of THE WORLD to the public of New York City.

INCREASE OF TEACHERS' SALARIES.

One of the proudest public services performed by THE WORLD during the past year was that of securing for the 10 000 teachers in the public schools of the Imperial City of America, through the passage of the Ahearn Teachers' Salary bill, assurances of a steady and steadily increasing return in wages. It made an immediate increase in the salary appropriation of above $500,000, and gave zealous teachers something to look forward to.

FIRST NEWS IN THE WORLD.

Other newspapers got their first news from the columns of THE WORLD regarding these happenings during 1899:

The death of Vice-President Hobart.

The railway disaster at West Dunellen, near Bound Brook, N. J., January 10, in which sixteen persons were killed and more than thirty injured.

The safety of all the passengers on the American line steamship Paris, about whose fate all America was worrying.

The result of the Jeffries-Fitzsimmons prize fight for the world's championship.

Richard Croker's explanation on behalf of the city administration of the doubling of assessments for taxation purposes.

The first statement of Harry Cornish in the Mrs. Adams poisoning case.

The neglect of the ashes of Col. George E. Waring, Jr.

The retirement of Secretary of War R. A. Alger from the President's Cabinet.

Of the hardest battle on land in the Philippines, the news of which was given to President McKinley in Thomasville, Ga., March 25, first by THE WORLD.

The confession of James Billings to William Johnson that he murdered Susie Martin in March, 1894.

The solution of the mystery of the murder of Benjamin Nathan through the death of Frene McCready, thirty years after the tragedy.

The confession of Martha Place, electrocuted for the murder of her stepdaughter, Ida Place, March 21.

Accounts of the progress of the record-making automobile expedition from Buffalo to New York by the only reporter on the vehicle.

Commander Lucien Young's startling discovery regarding the blowing up of the Maine with guncotton November 25. Secretary of the Navy Long got the first news of it from THE WORLD.

The story of the secret marriage of Anna M. Wright to the late Thomas J. Havemeyer.

COMMEMORATIVE AND SPECIAL NUMBERS.

The special numbers of THE WORLD in commemoration of historical events, or celebration of National, State, or municipal occasions, are famous all over the land.

The year began with the New Year's number. It had twenty-four pages of marvellous printing in colors, reproductions of great works of art, photographs, and original drawings all delicately colored; a splendid review of the historical aspects of progress, by John Bach McMaster; review of the century from a religious viewpoint, by Rabbi Gustav Gottheil and Rev. Lyman Abbott; "The Development of the Press," by Postmaster-General Charles Emory Smith; "Mercantile Progress," by Robert Dun Douglas; "One Hundred Years in the United States Army," by Major-Gen. Nelson A. Miles; "The West," by ex-Senator John J. Ingalls; "What the Century Has Done for Women," by Julia Ward Howe; "A Century in Medicine," by Dr. George F. Shrady; "The Player and the Playhouse," by Joseph Jefferson.

The "Jackson's Day" number, next in order chronologically, was scarcely less interesting, with its graphic account of the life of "Old Hickory," the battles of Buena Vista and New Orleans.

THE NATION'S DAY OF MOURNING.

The Memorial Day WORLD presented portraits in half-tone of over 200 of the nation's heroes who laid down their lives that the glory of the constellation in the old flag should not be dimmed, besides pictures of New York's hero dead in that group of martyrs who fell in the Spanish War, with the story of how and where they fell. There were thoughful contributions, too, by Gen. Nelson A. Miles, Gen. Arthu MacArthur, Gen. Frederick Funston, Gen. Lloyd Wheaton, Gen. Irving Hale, Gen. Joseph E. Wheeler, the late Col. Robert G. Ingersoll, the Rev. William S. Rainsford, the Rev. T. De Witt Talmage, Mrs. Jefferson Davis, Mrs. Eliza Rogers Sigsbee, wife of the commander of the Maine, and Mrs. John A. Logan.

SPECIAL NUMBERS.

The Thanksgiving number was conspicuously fine. It consisted of seven parts, and included a "Hymn of Thanksgiving," written specially for THE WORLD by Fanny J. Crosby, with music by Ira D. Sankey.

There was the Summer Fashion number, with its special half-tone supplement in colors, portraying styles in verything for men and women from top to toe.

The Coast number wa a cinematograph of the joyous vacation life along the shore from Sandy Hook to Barnegat, in colors and half tone.

The Horse Show number told exactly what was the proper thing in dress for the opening event of the town season, with a two-page series of color pictures and photographs taken expressly for THE WORLD, and presented a full-page reproduction in colors of Gilbert Gaul's painting, "The Horse Show."

The Victorian number, on Her Majesty's birthday, in addition to a splendidly illustrated story of Queen Victoria and her own message of thanks to THE WORLD, presented comments on her life and character from ex-President Harrison, President Porfirio Diaz, of Mexico; Mrs. John A. Logan, Mrs. Jefferson Davis, President Angell, of the University of Michigan; Bishop Doane, of Albany; Bishop Cheney, of Chicago; Bishop Ninde, President Jordan, of Stanford University; Marie Corelli, Lady Jeune, Susan B. Anthony, and the Governors of many States and the representatives of the great women's societies.

On the first anniversary of the Battle of Manila Bay and the "Greatest News Beat of the Century," scored by THE WORLD in its account of that battle, days ahead of any other newspaper, a life history of Dewey, from his boyhood in Vermont down to the bestowal of the highest honors a sailor can attain, was given with a special half-tone supplement in colors.

The Dewey number was another conspicuous triumph. It was a feature of the city's welcome to the nation's idol. It was accompanied by a grand, large portrait of the Admiral in colors; the story of George Dewey's life, from the cradle to the Admiralty, written by John R. Spears, the historian of the American Navy, and enriched by a multitude of graphic illustrations; a spirited two-page picture in colors of the Battle of Manila Bay, and a fine picture of the Dewey Arch of Triumph in Madison Square as illuminated the night of New York City's reception to the returning hero.

The Pulitzer Building, home of THE WORLD, was splendidly decorated and illuminated during the Dewey celebration, and the Statue of Liberty in the harbor was made a blaze of glory by night by THE WORLD.

The Christmas number, December 10, had as its leading feature an original story by Mark Twain, "My First Lie, and How I Got Out of It," and was a conspicuous addition to the literature of the year.

MINOR SERVICES.

After long, patient, hard work by THE WORLD for open-air public gymnasiums for the benefit of the youth of the tenement-house district, Seward Park was turned over to the Outdoor Recreation League last Summer, and a completely equipped gymnasium and a playground established there.

Two new recreation piers, making eleven in all of these delightful breathing spots on our river fronts, have been opened during the year under the Walker law, the passage of which was secured by THE WORLD.

The boys' club idea of THE WORLD, further extending the usefulness to the people of the public school-houses, is under experiment in two of the school-houses at present, and a dozen clubs of embryo statesmen hold forth during the week in their free club rooms.

Thanks to THE WORLD'S sturdy championship of common sense, the delicatessen dealers and other caterers to the poor can no longer be molested by the Sunday-closing associations or other intolerant reformers who would curtail personal liberty.

THE WORLD made a careful canvass and found that 25,000 children were crowded out of school for lack of room. It entered upon a crusade for new school-houses, and, after a seven months' fight, a bond issue of $7,673,640 was authorized by the Board of Estimate and Apportionment, and approved by the Municipal Assembly, and the work of building twenty-four new schools was begun.

THE WORLD scored a victory in its fight against the soft-coal nuisance, securing indictments against those who persisted in polluting and darkening the atmosphere of the city with soft-coal smoke, their speedy trial, and prompt conviction and punishment.

After giving to its readers the best account of the "drifting" races of the Columbia and Shamrock, and chronicling the eight failures to get wind enough to race, THE WORLD, joining with the London *Mail*, offered a $500 cup for a special race or races between the yachts on a triangular course on the first windy day. Sir Thomas Lipton gratefully thanked THE WORLD for the generous offer, and would have accepted the proposition had it not happened that on the last trial it was "nothing but Shamrock weather," and he manfully and in a sportsmanlike way, conceded that "the Columbia was the better boat and could outsail the Shamrock in any kind of race."

After the disastrous Windsor Hotel fire THE WORLD made a special effort to ascertain the name of every fireman who had distinguished himself by special heroism in that holocaust. It published a long roll of honor, with the portraits and brief biographies of the men, together with a graphic account of the especial deed of bravery and self-sacrifice performed by each.

Through THE WORLD'S exposure of the cruelty and mismanagement of the Elmira Reformatory, and its advocacy of the establishment of a reformatory for New York City, the plans for such an institution on Riker's Island came about.

The scheme in the Municipal Council to make a park out of the triangle at Twenty-second and Twenty-third streets, Broadway and Fifth avenue, at a cost to the city of $3,000,000, was killed. The secret purpose was to give the Metropolitan Street Railway more room for its switching yard at this point.

ABOLISHING SWEAT SHOPS.

The exposure of the cruelties practised, and the dangers menacing the young girls and children employed in the sweat shops, where government and civilian clothing was made, resulted first in the decision of the Army and Navy Departments that no more uniforms should be made in these vile places, and then, by the passage of the Costello "Anti-Sweat Shop" bill by the Legislature, Governor Roosevelt appointed Jacob A. Riis a special commissioner to investigate the sweat shops. Citizens in mass-meeting indorsed the bill, the Central Federated Union, the President of the Board of Health, and several clergymen approved THE WORLD'S crusade, and the Governor signed the bill. Mr. Riis said of THE WORLD'S fight against the sweat shops: "It is the best thing that has been done for the women and children, to whom starvation wages are paid. Doing away with the sweat-shop evil means better pay and shorter hours for thousands."

BROCKWAYISM CURBED.

THE WORLD'S long war against "Brockwayism" has resulted at last in the abolishing of the paddle, the strap, and the chain as implements of punishment in the Elmira Reformatory, though not until Z. R. Brockway, the Superintendent of this institution for the reformation of young first offenders against the law, had admitted that thirty-three reformatory inmates had become insane in the first ten months of 1899, and had been sent to the State Hospital for Insane Criminals. THE WORLD exposed the brutality of Brockway by scores of sworn witnesses. Many judges flatly refused to sentence young criminals to Elmira after that, and until Governor Roosevelt selected a new board of managers. The new board has put a stop to his methods, and no inmate will ever again be paddled or chained to the floor.

EXPERTS AND SPECIALISTS AS REPORTERS FOR THE WORLD.

Commissioner Peck, representative of this Government at the Paris Exposition, wrote a full report in May of the progress of the work and America's share in the exposition.

President Truesdale, of the Delaware, Lackawanna, and Western Railroad, wrote a convincing article showing why his road makes eight hours of rest compulsory among its employés.

Rear-Admiral William T. Sampson reported for THE WORLD on the work of the Naval Reserve in the Cuban campaign.

Senator Depew and Representative William Astor Chanler reported the opening of their respective bodies of Congress for THE WORLD.

MUSIC FOR THE MILLIONS.

THE WORLD treated its readers to a library of music last Summer by a unique and gigantic enterprise which involved the printing and distribution to its readers of ten pieces of music, songs by eminent and popular composers, to the number of over 5,000,000.

THE END OF ALGERISM.

When the scandals in the management of the War Department had demonstrated the necessity for a change, THE WORLD demanded a surcease of Algerism. It kept up the fight until more than half the newspapers in the United States joined in asking for the dismissal of Secretary Alger from the Cabinet. THE WORLD published, in reduced fac-simile, editorials from 132 daily newspapers of all parties, sustaining its position. It showed that the United States Government had spent $99,660 in an investigation, in which the investigators had plainly whitewashed the Secretary. Alger left the Cabinet July 19, and THE WORLD was ahead of all its contemporaries in publishing the news.

TO HARLEM IN FIFTEEN MINUTES.

"To Harlem in Fifteen Minutes" has been THE WORLD'S slogan in its long campaign for rapid transit. When other obstacles had been eliminated and the Rapid Transit Commission had formulated a plan for the underground road it was found that the city's debt was close up to the constitutional limit. The Legislature was asked to amend the law so that the tunnel might be built by private parties. THE WORLD suggested a people's syndicate, and, as an evidence of its sincerity, pledged itself to take $7,000,000 worth of the $75,000,000 capitalization necessary. The balance needed was offered within three days. At the recent election, however, an amendment to the Constitution was ratified by the people separating county debts from city debts, for the purpose of computing the bond-issuing capacity of the city, and this at once provided available funds. A half dozen qualified firms have prepared to bid for the work of constructing the road, and the year 1900 promises to see the work begun.

LIFTING THE PARNELL MORTGAGE.

When Lord Mayor Tallon, of Dublin, and John Redmond, M. P., visited America and appealed on behalf of the Irish people for assistance in paying off the long overdue mortgage upon the home of the late leader and idol of the home rulers, Charles Stewart Parnell, THE WORLD joined in the work, and in three days more than enough money was raised, and the home of Ireland's greatest leader of modern days was saved.

THE PUBLIC LIBRARY.

The movement to secure a Public Library Building to house the Astor-Lenox-Tilden City Library, and to be opened in the evenings and on Sundays, and to provide a circulating library for the poor, which was started by THE WORLD, was crowned with success when on April 4 the Board of Estimate authorized, and the Municipal Assembly approved, the issue of $500,000 in bonds to pay the expense of removing the old reservoir from the site selected in Bryant Park, Fifth Avenue, Forty to Forty-second Street. The work was begun within a month, and the $2,500,000 library building will be reared and ready for occupancy by 1902.

THE AMSTERDAM AVENUE GRAB.

After a fight lasting 108 days, in which the most powerful political influence and the ablest legal talent in New York was arrayed against THE WORLD in its effort to save Amsterdam Avenue, in New York, from the street railway corporation which, reckless of the lives and limbs of the school children, men, and women who must cross this crowded thoroughfare daily, would have laid four parallel tracks for electric cars there, and indeed did actually go on with the work and laid five miles of tracks, the measure known as the "Amsterdam Avenue bill" passed the Legislature and became a law.

THE WORLD'S SUBSCRIPTION RATES.

TERMS—POSTAGE FREE.

For the United States (outside of the Greater New York, Jersey City, and Hoboken), Canada, and Mexico.

DAILY AND SUNDAY:
- One Year.....$8.50
- Six Months..... 4.25
- Three Months..... 2.15
- One Month..... .75

SUNDAY: One Year..... 2.50

DAILY ONLY:
- One Year.....$6.00
- Six Months..... 3.00
- One Month..... .50

EVENING:
- One Year..... 3.50
- One Month..... .30

THRICE-A-WEEK: One Year.$1.00

MONTHLY WORLD, WITH WORLD ALMANAC:
- One Year..... .50

WORLD ALMANAC for 1900 (out January 1st), PRICE 25 CENTS.

Liberal commission allowed to club agents. Sample copies sent free.

FOREIGN.

For England and the Continent and All Countries in the Universal Postal Union.

DAILY AND SUNDAY:
- One Year.....$15.50
- One Month..... 1.40

SUNDAY: One Year.....$4.50

DAILY ONLY:
- One Year.....12.00

THRICE-A-WEEK:
- One Year.....$2.50

POSTAGE RATES ON THE WORLD.—16 pages, 1c.; 32 pages, 2c.; 48 pages, 3c. Foreign rates double.

Address all communications, whether concerning advertisements or subscriptions, to THE WORLD, PULITZER BUILDING, PARK ROW, NEW YORK CITY.

MAKE THE WORLD YOUR PAPER IN 1900.

THE astronomical calculations in this ALMANAC were expressly made for it by J. Morrison, M. A., M. D., Ph. D., of Washington, D. C., and are expressed in local *mean time*.

Chronological Eras.

The year 1900, which is a common year of 365 days, corresponds to the year 7408-09 of the Byzantine era; to 5660-61 of the Jewish era, the year 5661 beginning at sunset on September 23; to 2653 since the foundation of Rome according to Varro; to 2647 of the era of Nabonassar; to 2676 of the Olympiads (the fourth year of the 669th Olympiad beginning July 1, 1900); to 2560 of the Japanese era, and to the 33d year of the Meiji; to 1317-18 of the Mohammedan era or the era of the Hegira, the year 1318 beginning on May 1, 1900. The 125th year of the Independence of the United States of America begins on July 4, 1900.

Date of Beginning of Epochs, Eras, and Periods.

Name.	*Began.*	*Name.*	*Began.*
Grecian Mundane Era	[illegible]	[illegible]	B. C. 125, Oct. 10

Ember and Rogation Days.

EMBER and Rogation Days are certain periods of the year devoted to prayer and fasting. Ember Days (twelve annually) are the Wednesday, Friday, and Saturday after the first Sunday in Lent, after the feast of Pentecost (Whit Sunday), after the festival of the Holy Cross (September 14), and after the festival of St. Lucia (December 13). Ember Weeks are the weeks in which the Ember Days appear.

Rogation Days are the three days immediately preceding Holy Thursday or Ascension Day.

Church Fasts.

THE Roman Catholic Days of fasting are the forty days of Lent, the Ember Days, the Wednesdays and Thursdays of the four weeks in Advent, and certain vigils or evenings prior to the greater feasts. In the American Episcopal Church the days of fasting or abstinence to be observed, according to the Book of Common Prayer, are the forty days of Lent, the Ember Days, the three Rogation Days, and all the Fridays of the year except Christmas Day. In the Greek Church the four principal fasts are those in Lent, the week succeeding Whitsuntide, the fortnight before the Assumption and forty

Table of Days Between Two Dates.

A TABLE OF THE NUMBER OF DAYS BETWEEN ANY TWO DAYS WITHIN TWO YEARS.

Day Mo.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day Mo.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	32	60	91	121	152	182	213	244	274	305	335	1	366	397	425	456	486	517	547	578	609	639	670	700
2	2	33	61	92	122	153	183	214	245	275	306	336	2	367	398	426	457	487	518	548	579	610	640	671	701
3	3	34	62	93	123	154	184	215	246	276	307	337	3	368	399	427	458	488	519	549	580	611	641	672	702
4	4	35	63	94	124	155	185	216	247	277	308	338	4	369	400	428	459	489	520	550	581	612	642	673	703
5	5	36	64	95	125	156	186	217	248	278	309	339	5	370	401	429	460	490	521	551	582	613	643	674	704
6	6	37	65	96	126	157	187	218	249	279	310	340	6	371	402	430	461	491	522	552	583	614	644	675	705
7	7	38	66	97	127	158	188	219	250	280	311	341	7	372	403	431	462	492	523	553	584	615	645	676	706
8	8	39	67	98	128	159	189	220	251	281	312	342	8	373	404	432	463	493	524	554	585	616	646	677	707
9	9	40	68	99	129	160	190	221	252	282	313	343	9	374	405	433	464	494	525	555	586	617	647	678	708
10	10	41	69	100	130	161	191	222	253	283	314	344	10	375	406	434	465	495	526	556	587	618	648	679	709
11	11	42	70	101	131	162	192	223	254	284	315	345	11	376	407	435	466	496	527	557	588	619	649	680	710
12	12	43	71	102	132	163	193	224	255	285	316	346	12	377	408	436	467	497	528	558	589	620	650	681	711
13	13	44	72	103	133	164	194	225	256	286	317	347	13	378	409	437	468	498	529	559	590	621	651	682	712
14	14	45	73	104	134	165	195	226	257	287	318	348	14	379	410	438	469	499	530	560	591	622	652	683	713
15	15	46	74	105	135	166	196	227	258	288	319	349	15	380	411	439	470	500	531	561	592	623	653	684	714
16	16	47	75	106	136	167	197	228	259	289	320	350	16	381	412	440	471	501	532	562	593	624	654	685	715
17	17	48	76	107	137	168	198	229	260	290	321	351	17	382	413	441	472	502	533	563	594	625	655	686	716
18	18	49	77	108	138	169	199	230	261	291	322	352	18	383	414	442	473	503	534	564	595	626	656	687	717
19	19	50	78	109	139	170	200	231	262	292	323	353	19	384	415	443	474	504	535	565	596	627	657	688	718
20	20	51	79	110	140	171	201	232	263	293	324	354	20	385	416	444	475	505	536	566	597	628	658	689	719
21	21	52	80	111	141	172	202	233	264	294	325	355	21	386	417	445	476	506	537	567	598	629	659	690	720
22	22	53	81	112	142	173	203	234	265	295	326	356	22	387	418	446	477	507	538	568	599	630	660	691	721
23	23	54	82	113	143	174	204	235	266	296	327	357	23	388	419	447	478	508	539	569	600	631	661	692	722
24	24	55	83	114	144	175	205	236	267	297	328	358	24	389	420	448	479	509	540	570	601	632	662	693	723
25	25	56	84	115	145	176	206	237	268	298	329	359	25	390	421	449	480	510	541	571	602	633	663	694	724
26	26	57	85	116	146	177	207	238	269	299	330	360	26	391	422	450	481	511	542	572	603	634	664	695	725
27	27	58	86	117	147	178	208	239	270	300	331	361	27	392	423	451	482	512	543	573	604	635	665	696	726
28	28	59	87	118	148	179	209	240	271	301	332	362	28	393	424	452	483	513	544	574	605	636	666	697	727
29	29	..	88	119	149	180	210	241	272	302	333	363	29	394	....	453	484	514	545	575	606	637	667	698	728
30	30	..	89	120	150	181	211	242	273	303	334	364	30	395	....	454	485	515	546	576	607	638	668	699	729
31	31	..	90	....	151	....	212	243	....	304	....	365	31	396	....	455	....	516	....	577	608	....	669	....	730

The above table applies to ordinary years only. For leap year, one day must be added to each number of days after February 28.

EXAMPLE.—To find the number of days between June 3, 1900, and February 16, 1901: The figures opposite the third day in the first June column are 154; those opposite the sixteenth day in the second February column are 412. Subtract the first from the second product—*i. e.*, 154 from 412, and the result is 258, the number of days between the two dates.

Time Difference

BETWEEN THE CITY OF NEW YORK AND THE PRINCIPAL FOREIGN CITIES.

LATER THAN NEW YORK	H. M.		H. M.		H. M.	EARLIER THAN NEW YORK.	H. M.
Antwerp	5 13.5	Dublin	4 30.5	Paris	5 5.2		
Berlin	5 49.5	Edinburgh	4 43.2	Rio de Janeiro	2 3.2	Havana	0 33.5
Bremen	5 31.0	Geneva	5 20.5	Rome	5 45.8	Hong Kong	11 27.4
Brussels	5 13.4	Hamburg	5 35.8	St. Petersburg	6 57.1	Melbourne	9 24.2
Buenos Ayres	1 2.4	Liverpool	4 43.6	Valparaiso	0 9.3	Mexico, City of	1 40.5
Calcutta	10 49.2	London	4 55.9	Vienna	6 1.2	Panama	0 22.2
Constantinople	6 51.9	Madrid	4 41.1	Halifax	0 41.5	Yokohama	9 45.5

Bell Time on Shipboard.

Time, A. M.		Time, A. M.		Time, A. M.		Time, P. M.		Time, P. M.		Time, P. M.	
1 Bell	12.30	1 Bell	4.30	1 Bell	8.30	1 Bell	12.30	1 Bell	4.30	1 Bell	8.30
2 Bells	1.00	2 Bells	5.00	2 Bells	9.00	2 Bells	1.00	2 Bells	5.00	2 Bells	9.00
3 "	1.30	"	5.30	3 "	9.30	3 "	1.30	3 "	5.30	3 "	9.30
4 "	2.00	"	6.00	4 "	10.00	4 "	2.00	4 "	6.00	4 "	10.00
5 "	2.30	"	6.30	5 "	10.30	5 "	2.30	1 Bell	6.30	5 "	10.30
6 "	3.00	"	7.00	6 "	11.00	6 "	3.00	2 Bells	7.00	6 "	11.00
7 "	3.30	"	7.30	7 "	11.30	7 "	3.30	3 "	7.30	7 "	11.30
8 "	4.00	"	8.00	8 "	Noon	8 "	4.00	4 "	8.00	8 "	Midnight

On shipboard, for purpose of discipline and to divide the watch fairly, the crew is mustered in two divisions, the Starboard (right side, looking toward the head) and the Port (left). The day commences at noon, and is thus divided: Afternoon Watch, noon to 4 P. M.; First Dog Watch, 4 P. M. to 6 P. M.; Second Dog Watch, 6 P. M. to 8 P. M.; First Watch, 8 P. M. to Midnight; Middle Watch, 12 A. M. to 4 A. M.; Morning Watch, 4 A. M. to 8 A. M.; Forenoon Watch, 8 A. M. to noon. This makes seven WATCHES, which enables the crew to keep them alternately, as the Watch which comes on duty at noon one day has the afternoon next day, and the men who have only four hours' rest one night have eight hours the next. This is the reason for having Dog Watches, which are made by dividing the hours between 4 P. M. and 8 P. M. into two Watches. Time is kept by means of "Bells," although sometimes there is but one Bell on the ship.—*Whitaker.*

Astronomical Phenomena for the Year 1900.

ASTRONOMICAL SIGNS AND SYMBOLS.

☉	The Sun.	♂	Mars.	☌	Conjunction.
☾	The Moon.	♃	Jupiter.	□	Quadrature.
☿	Mercury.	♄	Saturn.	☍	Opposition.
♀	Venus.	♅	Uranus.	☊	Ascending Node.
⊕	The Earth.	♆	Neptune.	☋	Descending Node.

Two heavenly bodies are in "conjunction" (☌) when they have the same *Right Ascension*, or are on the *same meridian, i. e.*, when one is due *north* or *south* of the other; if the bodies are near each other as seen from the earth, they will rise and set at the same time; they are in "opposition" (☍) when in opposite quarters of the heavens, or when one rises just as the other is setting. "Quadrature" is half way between conjunction and opposition. By "greatest elongation" is meant the greatest apparent *angular* distance from the sun; the planet is then generally most favorably situated for observation. Mercury can only be seen with the naked eye at this time. When a planet is in its "ascending" (☊) or "descending" (☋) node it is crossing the plane of the earth's orbit. The term "Perihelion" means nearest, and "Aphelion" farthest, from the sun. An "occultation" of a planet or star is an eclipse of it by some other body, usually the moon.

I.—OCCULTATIONS.

During the year 1900 there will be two occultations of Saturn and one of Uranus by the Moon, visible in this country. The dates of immersion and emersion—that is, of beginning and ending—expressed in *local mean time*, are, for the places below, as follows:

SATURN.

Place.	Immersion.	Emersion.	Immersion.	Emersion.
	D. H. M.	H. M.	D. H. M.	D. H. M.
Boston	March 24 2 4.0 A. M.	3 14.7 A. M.	July 10 11 19.0 P. M.	July 11 12 37.0 A. M.
New York	24 1 48.2 A. M.	2 56.3 A. M.	10 11 1.6 P. M.	11 12 21.3 A. M.
Washington	24 1 31.0 A. M.	2 38.0 A. M.	10 10 43.0 P. M.	11 12 5.0 A. M.
Charleston, S. C.	24 1 16.4 A. M.	2 13.4 A. M.	10 10 22.8 P. M.	10 11 48.7 P. M.
Sewanee, Tenn.	24 12 54.0 A. M.	1 48.7 A. M.	10 9 46.5 P. M.	10 11 11.6 P. M.

URANUS.

Place.	Immersion.	Emersion.
	D. H. M.	H. M.
Boston	October 26 5 51.9 P. M.	7 0.9 P. M.
New York	26 5 39.1 P. M.	6 49.6 P. M.
Washington	26 5 26.0 P. M.	6 39.0 P. M.
Sewanee, Tenn.	26 (4 39.8)* P. M.	5 58.4 P. M.

* Before sunset.

The immersion of Uranus occurs during twilight; a small telescope or a good opera-glass will therefore be necessary to obtain a clear view of it.

II.—ECLIPSES.

In the year 1900 there will be three Eclipses; two of the Sun and one of the Moon, as follows:

1. A total Eclipse of the Sun May 28, visible as a partial or total Eclipse throughout the whole of North America except the extreme western part of Alaska, that part of South America north of a line drawn from the Gulf of Guayaquil to Georgetown in British Guiana, the whole of Europe, the northern and central portions of Africa, and the northwestern part of Asia. The *path of the total* Eclipse begins at 8h. 6m. A. M. Washington mean time in Latitude 17° 50′ North and Longitude 116° 38′ West, which point is in the Pacific Ocean southwest of Cape St. Lucas, old California; moving in a northeasterly direction it enters Mexico about midway between Mazatlan and the mouth of the San Pedro River, passing almost directly over Gonzales, Mazapil, Potosi, Monterey, and Cadereyta in Mexico; Edinburgh, Tex., and enters the Gulf of Mexico about 40 miles north of Brownsville, Tex.; after traversing the northwest corner of the gulf it passes over Morgan City and New Orleans, La.; Bay St. Louis, Mississippi City, Biloxi, and Scranton, Miss.; Mobile, Evergreen, Rutledge, and Union Springs, Ala.; Columbus, Thomaston, Barnesville, Monticello, and Greensboro, Ga.; New Market and Chester, S. C.; Monroe, Troy, Carthage, Osgood, Moncure, Raleigh, Nashville, Lewisburg, Halifax, Jackson, and Winton, N. C.; Suffolk, Princess Anne, Portsmouth, Newport News, Norfolk, Virginia Beach, and Capes Henry and Charles, Va. It then enters the Atlantic, still moving in a northeasterly direction until it arrives at or near Latitude 45° North, when it gradually changes

ASTRONOMICAL PHENOMENA FOR THE YEAR 1900—*Continued.*

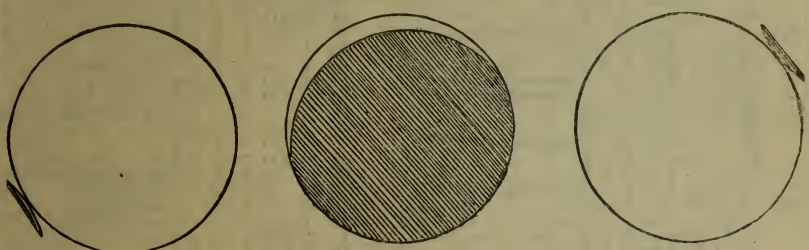
its direction and moves southeasterly, passing directly over the city of Coimbra, in Portugal, a little to the north of Ciudad Real in Spain, and enters the Mediterranean at a point in Latitude 38° 7′ North and Longitude 0° 40′ West, near the mouth of the River Segura; after crossing the Mediterranean it passes over the city of Algiers, skirts the coast of Tripoli for 10° of Longitude and terminates at sunset in Upper Egypt at 11h. 25m. A. M., Washington mean time, in Latitude 25° 21′ North and Longitude 31° 37′ East, having traversed 148¼° of Longitude in 3h. 19m. The *entire* duration of the Eclipse is 5h. 23m. During the passage of the shadow over the United States it moves at an average rate of 41 miles per minute and its diameter when passing over Norfolk, Va., is about 60 miles.

The dates of beginning and ending of the partial and total phases at the following places in the United States are given below and are expressed in *local mean time* (not standard time):

Place.	Eclipse Begins.	Total Eclipse. Begins.	Total Eclipse. Ends.	Eclipse Ends.	Angle of Position at Begin.	Angle of Position at End.
	D. H. M			H. M.		
Boston	May 28 8 9.6 A.M.	No Totality.		10 46.9 A.M.	252° 5	84°.5
New York	28 7 53.1 A.M.	"		10 28.1 A.M.	252°.8	83° 1
Chicago	28 6 55.6 A.M.	"		9 11.7 A.M.	243° 6	91° 5
Cincinnati	28 7 3.5 A.M.	"		9 25.7 A.M.	248°.6	85° 8
Washington	28 7 35.8 A.M.	"		10 6.9 A.M.	252°.9	81° 8
Williamsburg, Va.	28 7 34.8 A.M.	"		10 8.3 A.M.	255° 5	78° 8
Richmond, Va.	28 7 31.1 A.M.	"		10 3.7 A.M.	254° 7	79° 5
Charleston, S. C.	28 7 13.3 A.M.	"		9 43.0 A.M.	259°.2	73° 4
		H. M.	H. M.			
New Orleans	28 6 26.1 A.M.	7 29.4	7 31.0	8 43.1 A.M.	256° 6	75° 6
Mobile	28 6 35.5 A.M.	7 40.6	7 41.0	8 59.7 A.M.	256°.8	75° 3
Raleigh	28 7 23.6 A.M.	8 33.7	8 35.1	9 54.9 A.M.	256° 2	77° 4
Norfolk, Va.	28 7 35.8 A.M.	8 47.4	8 48.8	10 9.9 A.M.	256°.4	77°.8
Virginia Beach, Va.	28 7 37.2 A.M.	8 48.9	8 50.5	10 11.7 A.M.	256°.5	77°.7

The angle of position is estimated from the *north* point of the Sun's limb *toward the East.*

The Eclipse as seen from New York.



Last Contact — Greatest Eclipse. — First Contact.

Horizon of New York.

2. A partial Eclipse of the Moon June 12, visible in the United States. The duration of this Eclipse is only 7.3 minutes, and is therefore barely visible without telescopic aid:

Place.	Begins. D. H. M.	Ends. H. M.
Boston	June 12 10 40.2 P.M.	10 47.5 P.M.
New York	12 10 28.4 P.M.	10 35.7 P.M.
Washington	12 10 16.2 P.M.	10 23.5 P.M.
Charleston	12 10 4.7 P.M.	10 12.0 P.M.
Chicago	12 9 34.0 P.M.	10 41.3 P.M.
Cincinnati	12 9 46.4 P.M.	9 53.7 P.M.
St. Louis	12 9 23.6 P.M.	9 30.9 P.M.
New Orleans	12 9 24.2 P.M.	9 31.5 P.M.
Denver	12 8 24.6 P.M.	8 31.9 P.M.
San Francisco	12 7 14.7 P.M.	7 22.0 P.M.

Local Mean Time.

Angle of position at beginning 176° East and at end 180° East from the north point of Moon's limb. Magnitude of the Eclipse 0.001, the Moon's diameter being regarded as unity.

3. An annular Eclipse of the Sun November 21-22, invisible in America; visible in Central and Southern Africa, Australia, Borneo, and the Southern Philippine Islands.

ASTRONOMICAL PHENOMENA FOR THE YEAR 1900—*Continued.*

III.—PLANETARY CONFIGURATIONS.

(*New York Mean Time.*)

	D.	H.	M.		
Jan.	1	3	45 P. M.	♂ ☌ ☾	
	2	2	12 A. M.	⊕	in perihelion.
	3	10	50 A. M.	♀ ☌ ☾	
	4	10	12 A. M.	♃ ☌ β′. Scorpii.	
	7	8	12 P. M.	♀ ☌ ♄	
	16	12	12 A. M.	♂ ☌ ☉	
	26	7	56 A. M.	♃ ☌ ☾	
	28	3	6 A. M.	♄ ☌ ☾, ♄ S. 2′.	
	30	10	30 A. M.	♀ ☌ ☾	
	30	4	46 P. M.	♂ ☌ ☾	
Feb.	1	2	12 P. M.	♀ ☌ φ, Aquarii.	
	2	9	26 A. M.	♀ ☌ ☾	
	3	9	12 A. M.	♀ ☌ ♂, ♂ N. 1° 2′.	
	9	3	12 P. M.	♀ ☌ ☉	superior.
	22	10	39 P. M.	♃ ☌ ☾	
	24	5	11 P. M.	♄ ☌ ☾	
	28	1	12 P. M.	♃ □ ☉	
	28	5	40 P. M.	♂ ☌ ☾	
Mar.	2	1	21 P. M.	♀ ☌ ☾	
	4	3	30 A. M.	♀ ☌ ☾	
	4	6	A. M.	♀	in perihelion.
	8	6	A. M.	♀	gr. elong. E. 18°16′.
	14	10	P. M.	♀	stationary.
	18	2	P. M.	♂	in perihelion.
	20	8	P. M.	☉	enters Aries.
	22	7	57 A. M.	♃ ☌ ☾	
	24	3	29 A. M.	♄ ☌ ☾	
	24	10	12 P. M.	♀ ☌ ☉	inferior.
	25	3	P. M.	♄ □ ☉	
	27	7	P. M.	♃	stationary.
	29	4	57 P. M.	♂ ☌ ☾	
	30	1	48 A. M.	♀ ☌ ☾	
April	2	3	A. M.	♀	in perihelion.
	2	8	P. M.	♀ ☌ ☾	
	3	10	A. M.	♀ ☌ ♂	
	6	9	A. M.	♀	stationary.
	14	3	A. M.	♄	stationary.
	18	12	P. M.	♃ ☌ ☾	
	20	10	A. M.	♄ ☌ ☾	
	21	9	P. M.	♀	gr. elong. W. 27° 9′.
	27	7	39 A. M.	♀ ☌ ☾	
	27	2	P. M.	♂ ☌ ☾	
	28	9	P. M.	♀	gr. elong. E. 45°35′.
May	2	12	18 P. M.	♀ ☌ ☾	
	3	11	P. M.	♀ ☌ ♂	
	15	1	35 P. M.	♃ ☌ ☾	
	17	1	57 P. M.	♄ ☌ ☾	
	26	9	A. M.	♂ ☌ ☾	
	27	2	P. M.	♃ 8 ☉	
	28	5	45 A. M.	♀ ☌ ☾	
	30	2	A. M.	♀ ☌ ☉	superior.
	31	4	43 P. M.	♀ ☌ ☾	
June	1	5	A. M.	♀	greatest brilliancy.
	11	3	12 P. M.	♃ ☌ ☾	
	13	2	P. M.	♀ ☌ ε, Gemin.	
	13	6	P. M.	♄ ☌ ☾	
	15	9	P. M.	♀	stationary.
	22	5	A. M.	♀ ☌ ♀	
	23	12	P. M.	♄ 8 ☉	
	24	2	40 A. M.	♂ ☌ ☾	
	28	3	40 A. M.	♀ ☌ ☾	
	29	2	A. M.	♀ ☌ ☾	
July	2	9	A. M.	⊕	in aphelion.
	4	7	A. M.	♀	gr elong. E. 26°.
	8	6	A. M.	♀ ☌ ☉	inferior.
	8	7	47 P. M.	♃ ☌ ☾	
	9	11	P. M.	♄	in aphelion.
	10	11	24 P. M.	♄ ☌ ☾	
	14	5	A. M.	♀	stationary.
	22	8	P. M.	♂ ☌ ☾	
	23	5	P. M.	♀	in aphelion.
	24	9	A. M.	♀ ☌ ☾	
	27	2	22 A. M.	♀ ☌ ☾	
	29	3	A. M.	♃	stationary.
	29	9	P. M.	♀	stationary.
Aug.	1	3	A. M.	♀ ☌ ☉	inferior.
	5	3	42 A. M.	♃ ☌ ☾	
	7	6	31 A. M.	♄ ☌ ☾	
	7	12	P. M.	♂ ☌ ♅, ♂ N. 1° 27′.	
	10	9	P. M.	♀	stationary.
	14	8	A. M.	♀	greatest brilliancy.
	19	10	A. M.	♀	gr. elong. W. 18°32′.
	20	1	26 P. M.	♂ ☌ ☾	
	21	4	53 A. M.	♀ ☌ ☾	
	23	12	A. M.	♀ ☌ ☾	
	25	4	P. M.	♃ □ ☉	
	26	5	A. M.	♀	in perihelion.
Sept.	1	2	40 P. M.	♃ ☌ ☾	
	2	12	P. M.	♄	stationary.
	3	2	38 P. M.	♄ ☌ ☾	
	13	12	P. M.	♀ ☌ ☉	superior.
	17	2	A. M.	♀	gr. elong. W. 46° 4′.
	18	6	50 A. M.	♂ ☌ ☾	
	19	12	20 P. M.	♀ ☌ ☾	
	22	12	A. M.	♄ □ ☉	
	24	2	50 P. M.	♀ ☌ ☉	
	29	3	54 A. M.	♃ ☌ ☾	
	30	11	17 P. M.	♄ ☌ ☾	
Oct.	10	7	A. M.	♀	in aphelion.
	16	11	8 P. M.	♂ ☌ ☾	
	19	1	53 P. M.	♀ ☌ ☾	
	19	5	P. M.	♃ ☌ ♅, ♃ N. 0° 25′.	
	25	9	54 A. M.	♀ ☌ ☾	
	26	7	4 P. M.	♃ ☌ ☾	
	28	8	30 A. M.	♄ ☌ ☾	
	29	11	P. M.	♀	gr. elong. E. 23°44′.
Nov.	6	12	P. M.	♀ ☌ η, Virginis.	
	9	11	P. M.	♀	stationary.
	13	1	A. M.	♀	in perihelion.
	14	12	28 P. M.	♂ ☌ ☾	
	18	8	17 P. M.	♀ ☌ ☾	
	20	7	A. M.	♀ ☌ ☉	inferior.
	21	7	41 P. M.	♀ ☌ ☾	
	22	2	A. M.	♂ □ ☉	
	23	12	19 P. M.	♃ ☌ ☾	
	24	7	5 P. M.	♄ ☌ ☾	
Dec.	7	10	P. M.	♀	gr. elong. W. 20°50′.
	12	7	38 P. M.	♂ ☌ ☾	
	14	4	A. M.	♃ ☌ ☉	
	16	9	A. M.	♂ ☌ ι, Leonis, ♂ S. 0° 6′.	
	19	2	23 A. M.	♀ ☌ ☾	
	20	7	26 A. M.	♀ ☌ ☾	
	21	7	35 A. M.	♃ ☌ ☾	
	22	7	54 A. M.	♄ ☌ ☾	
	22	10	A. M.	♀ ☌ ♅, ♀ N. 0° 34′.	
	29	8	A. M.	♄ ☌ ☉	
	30	11	A. M.	♀ ☌ ♃, ♀ S. 0° 44′.	

The planetary configurations serve to identify the planets and to mark the time when they are in critical points of their apparent orbits as seen from the centre of the earth, the general station from which all astronomical phenomena are supposed to be viewed, unless the contrary is distinctly stated.

The conjunctions of the moon with the planets when viewed from the earth's surface may differ from the above dates as much as ± 20 minutes or even more by reason of the moon's parallax in Right Ascension. For the mere purpose of observation the above dates are sufficiently accurate for all places.

JANUARY 1. NEW YEAR'S DAY: In all the States (including the District of Columbia) except Massachusetts, Mississippi, and New Hampshire.

JANUARY 8. ANNIVERSARY OF THE BATTLE OF NEW ORLEANS: In Louisiana.

JANUARY 19. LEE'S BIRTHDAY: In Florida, Georgia, North Carolina, South Carolina, and Virginia.

FEBRUARY 12. LINCOLN'S BIRTHDAY: In Connecticut, Illinois, Minnesota, New Jersey, New York, North Dakota, Pennsylvania, and Washington (State).

FEBRUARY (Third Tuesday). SPRING ELECTION DAY: In Pennsylvania.

FEBRUARY 22. WASHINGTON'S BIRTHDAY: In all the States (including the District of Columbia) except Mississippi.

FEBRUARY 27, 1900. MARDI-GRAS: In Alabama and the parish of Orleans, Louisiana.

MARCH 2. ANNIVERSARY OF TEXAN INDEPENDENCE: In Texas.

APRIL 4. 1900. STATE ELECTION DAY: In Rhode Island.

APRIL 6. CONFEDERATE MEMORIAL DAY: In Louisiana.

APRIL 13, 1900. GOOD FRIDAY: In Alabama, Louisiana, Maryland, Pennsylvania, Tennessee.

APRIL 19. PATRIOTS DAY. In Massachusetts.

APRIL 21. ANNIVERSARY OF THE BATTLE OF SAN JACINTO: In Texas.

APRIL 26. CONFEDERATE MEMORIAL DAY: In Alabama, Florida, and Georgia.

MAY 10. CONFEDERATE MEMORIAL DAY: In North Carolina and South Carolina.

MAY (Second Friday). CONFEDERATE DAY: In Tennessee.

MAY 20. ANNIVERSARY OF THE SIGNING OF THE MECKLENBURG DECLARATION OF INDEPENDENCE; In North Carolina.

MAY 30. DECORATION DAY: In all the States and Territories (and District of Columbia), except Alabama, Arkansas, Florida, Georgia, Idaho, Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, Texas, and Virginia.

JUNE 3. JEFFERSON DAVIS' BIRTHDAY: In Florida and Georgia.

JULY 4. INDEPENDENCE DAY: In all the States and the District of Columbia.

JULY 24. PIONEERS' DAY: In Utah.

AUGUST 2. 1900. ELECTION DAY: In North Carolina—for State officers, Legislature, county officers, etc.

AUGUST 16. BENNINGTON BATTLE DAY: In Vermont.

SEPTEMBER 3. 1900. LABOR DAY: In all the States and Territories (and District of Columbia), except Arizona, Arkansas, Louisiana, Mississippi, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, and Vermont. Is observed in Wyoming, but is not a legal holiday.

SEPTEMBER 6, 1900. LABOR DAY: In North Carolina.

SEPTEMBER 9. ADMISSION DAY: In California.

NOVEMBER 1. ALL SAINTS' DAY: In Louisiana.

NOVEMBER — GENERAL ELECTION DAY: In Arizona, California, Colorado, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, Missouri, Montana, Nevada, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, West Virginia, Washington, Wisconsin, and Wyoming, in the years when elections are held in these States. In 1900 the date is November 6.

NOVEMBER 25. LABOR DAY: In parish of Orleans, Louisiana.

NOVEMBER — 1900. THANKSGIVING DAY (either the fourth or last Thursday in November in 1900, as the President may determine): Is observed in all the States, and in the District of Columbia, though in some States it is not a statutory holiday.

DECEMBER 25. CHRISTMAS DAY: In all the States, and in the District of Columbia.

Sundays and Fast Days are legal holidays in all the States which designate them as such.

There are no statutory holidays in Mississippi and Nevada, but by common consent the Fourth of July, Thanksgiving, and Christmas are observed as holidays in Mississippi. In Kansas Decoration Day, Labor Day, and Washington's Birthday are the only legal holidays by legislative enactment; other legal holidays are so only by common consent. In New Mexico Decoration Day, Labor Day, and Arbor Day are holidays when so designated by the Governor.

ARBOR DAY is a legal holiday in Arizona, Minnesota, North Dakota, Wisconsin, and Wyoming, the day being set by the Governor; in Texas, February 22; in Nebraska, April 22; Montana, May 8; Utah, April 15; Rhode Island, May 11, Florida, first Friday in February; Georgia, first Friday in December; Colorado (school holiday only), third Friday in April; Idaho (school holiday only), first Friday after May 1.

Every Saturday after 12 o'clock noon is a legal holiday in New York, New Jersey, North Carolina, Pennsylvania, Maryland, Tennessee, Virginia, and the city of New Orleans, and in Newcastle County, Del., except in St. George's Hundred; in Louisiana and Missouri in cities of 100,000 or more inhabitants; in Ohio in cities of 50,000 or more inhabitants; and June 1 to August 31 in Denver, Col. In the District of Columbia for all purposes respecting the presentation for payment or acceptance or the protesting of all commercial paper whatsoever. In Connecticut and Maine banks close at 12 noon on Saturdays.

There is no national holiday, not even the Fourth of July. Congress has at various times appointed special holidays. In the second session of the Fifty-third Congress it passed an act making Labor Day a public holiday in the District of Columbia, and it has recognized the existence of certain days as holidays, for commercial purposes, but, with the exception named, there is no general statute on the subject. The proclamation of the President designating a day of Thanksgiving only makes it a legal holiday in those States which provide by law for it.

Old English Holidays.

THESE holidays, with their names, had their origin in mediæval England when the State religion was that of the Church of Rome, and they are still observed generally or in some parts of England, Scotland, and Ireland.

JANUARY 6. TWELFTH DAY, or Twelfth-tide, sometimes called Old Christmas Day, the same as Epiphany. The previous evening is Twelfth Night, with which many social rites have long been connected.

FEBRUARY 2. CANDLEMAS: Festival of the Purification of the Virgin. Consecration of the lighted candles to be used in the church during the year.

FEBRUARY 14. OLD CANDLEMAS: St. Valentine's Day.

MARCH 25. LADY DAY: Annunciation of the Virgin. April 6 is old Lady Day.

JUNE 24. MIDSUMMER DAY: Feast of the Nativity of John the Baptist. July 7 is old Midsummer Day.

JULY 15. ST. SWITHIN'S DAY. There was an old superstition that if rain fell on this day it would continue forty days.

AUGUST 1. LAMMAS DAY: Originally in England the festival of the wheat harvest. In the Church the festival of St. Peter's miraculous deliverance from prison. Old Lammas Day is August 13.

SEPTEMBER 29. MICHAELMAS: Feast of St. Michael, the Archangel. Old Michaelmas is October 11.

NOVEMBER 1. ALLHALLOWMAS: All-hallows, or All Saints' Day. The previous evening is All-hallow-e'en, observed by home gatherings and old-time festive rites.

NOVEMBER 2. ALL SOULS' DAY: Day of prayer for the souls of the dead.

NOVEMBER 11. MARTINMAS: Feast of St. Martin. Old Martinmas is November 23.

DECEMBER 28. CHILDERMAS: Holy Innocents Day.

Lady Day, Midsummer Day, Michaelmas, and Christmas are quarter (rent) days in England, and Whitsunday, Martinmas, Candlemas, and Lammas Day in Scotland.

Shrove Tuesday, the day before Ash Wednesday, and Maundy Thursday, the day before Good Friday, are observed by the Church. Mothering Sunday is Mid-Lent Sunday, in which the old rural custom obtains of visiting one's parents and making them presents.

The Sun's Declination.

WASHINGTON MEAN NOON.

1900.	January.	February.	March.	April.	May.	June.
	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″
1	23 0 20 S.	17 3 53 S.	7 33 44 S.	4 33 34 N.	15 5 18 N.	22 3 48 N.
2	22 55 6	16 47 37	7 10 52	4 56 41	15 23 19	22 11 45
3	22 49 25	16 30 4	6 47 54	5 19 42	15 41 5	22 19 20
4	22 43 17	16 12 15	6 24 51	5 42 37	15 58 36	22 26 31
5	22 36 42	15 54 8	6 1 42	6 5 26	16 15 50	22 33 18
6	22 29 40	15 35 45	5 38 29	6 28 8	16 32 48	22 39 42
7	22 22 12	15 17 7	5 15 11	6 50 44	16 49 30	22 45 42
8	22 14 17	14 58 13	4 51 49	7 13 13	17 5 55	22 51 18
9	22 5 56	14 39 3	4 28 24	7 35 35	17 22 2	22 56 30
10	21 57 9	14 19 40	4 4 55	7 57 48	17 37 52	23 1 17
11	21 47 57	14 0 2	3 41 23	8 19 54	17 53 25	23 5 41
12	21 38 19	13 40 10	3 17 49	8 41 52	18 8 40	23 9 40
13	21 28 16	13 20 5	2 54 12	9 3 40	18 23 36	23 13 15
14	21 17 49	12 59 47	2 30 34	9 25 20	18 38 14	23 16 25
15	21 6 56	12 39 16	2 6 54	9 46 50	18 52 33	23 19 11
16	20 55 40	12 18 33	1 43 13	10 8 10	19 6 33	23 21 32
17	20 43 59	11 57 38	1 19 31	10 29 21	19 20 13	23 23 28
18	20 31 56	11 36 32	0 55 49	10 50 22	19 33 34	23 24 59
19	20 19 28	11 15 15	0 32 6	11 11 11	19 46 35	23 26 6
20	20 6 38	10 53 46	0 8 24 S.	11 31 50	19 59 16	23 26 48
21	19 53 25	10 32 8	0 15 18 N.	11 52 18	20 11 37	23 27 5
22	19 39 50	10 10 20	0 38 58	12 12 34	20 23 37	23 26 57
23	19 25 53	9 48 23	1 2 38	12 32 37	20 35 16	23 26 24
24	19 11 34	9 26 16	1 26 16	12 52 29	20 46 34	23 25 27
25	18 56 54	9 4 1	1 49 51	13 12 8	20 57 30	23 24 4
26	18 41 53	8 41 38	2 13 25	13 31 34	21 8 5	23 22 17
27	18 26 32	8 19 7	2 36 55	13 50 47	21 18 18	23 20 6
28	18 10 50	7 56 29 S.	3 0 23	14 9 46	21 28 9	23 17 30
29	17 54 49		3 23 47	14 28 31	21 37 38	23 14 29
30	17 38 29		3 47 7	14 47 2 N.	21 46 44	23 11 4 N.
31	17 21 50 S.		4 10 23 N.		21 55 27 N.	

1900.	July.	August.	September.	October.	November.	December.
	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″
1	23 7 14 N.	18 1 48 N.	8 17 6 N.	3 11 46 S.	14 27 6 S.	21 49 25 S.
2	23 3 1	17 46 32	7 55 15	3 35 4	14 46 13	21 58 31
3	22 58 23	17 31 0	7 33 17	3 58 18	15 5 5	22 7 11
4	22 53 21	17 15 11	7 11 11	4 21 30	15 23 43	22 15 26
5	22 47 56	16 59 4	6 48 59	4 44 38	15 42 5	22 23 16
6	22 42 6	16 42 42	6 26 40	5 7 43	16 0 12	22 30 39
7	22 35 53	16 26 3	6 4 14	5 30 44	16 18 3	22 37 35
8	22 29 17	16 9 9	5 41 43	5 53 41	16 35 37	22 44 5
9	22 22 17	15 51 59	5 19 5	6 16 34	16 52 55	22 50 9
10	22 14 54	15 34 33	4 56 23	6 39 21	17 9 55	22 55 45
11	22 7 9	15 16 53	4 33 35	7 2 3	17 26 38	23 0 54
12	21 59 0	14 58 58	4 10 42	7 24 40	17 43 3	23 5 36
13	21 50 29	14 40 48	3 47 45	7 47 10	17 59 9	23 9 50
14	21 41 36	14 22 25	3 24 44	8 9 34	18 14 57	23 13 36
15	21 32 20	14 3 47	3 1 38	8 31 52	18 30 26	23 16 55
16	21 22 42	13 44 56	2 38 30	8 54 2	18 45 35	23 19 46
17	21 12 42	13 25 52	2 15 18	9 16 5	19 0 24	23 22 9
18	21 2 21	13 6 35	1 52 3	9 37 59	19 14 52	23 24 3
19	20 51 38	12 47 5	1 28 46	9 59 46	19 29 0	23 25 30
20	20 40 34	12 27 23	1 5 26	10 21 24	19 42 47	23 26 28
21	20 29 9	12 7 29	0 42 5	10 42 52	19 56 12	23 26 58
22	20 17 23	11 47 24	0 18 42 N.	11 4 11	20 9 16	23 27 0
23	20 5 17	11 27 7	0 4 42 S.	11 25 21	20 21 57	23 26 33
24	19 52 51	11 6 39	0 28 6	11 46 19	20 34 15	23 25 38
25	19 40 4	10 46 1	0 51 31	12 7 7	20 46 11	23 24 15
26	19 26 59	10 25 12	1 14 56	12 27 44	20 57 43	23 22 24
27	19 13 33	10 4 14	1 38 20	12 48 9	21 8 52	23 20 4
28	18 59 49	9 43 6	2 1 44	13 8 22	21 19 37	23 17 17
29	18 45 46	9 21 49	2 25 6	13 28 23	21 29 57	23 14 1
30	18 31 25	9 0 23	2 48 27 S.	13 48 10	21 39 53 S.	23 10 18
31	18 46 45 N.	8 38 48 N.		14 7 45 S.		23 6 7 S.

Astronomical Constants.

THE mean obliquity of the ecliptic for the year 1900 is 23° 27′ 8″.26. Mean annual diminution, 0″.46.

The present accepted value of the solar parallax is 8″.81 at the earth's mean distance, which is 92,790,000 miles, with a probable error of about 75,000 miles more or less.

The eccentricity of the earth's orbit is 0.016771; we are therefore 3,112,560 miles nearer to the sun at perihelion (January 1) than at aphelion (about July 1).

Length of the sidereal year, 365 days, 6 hours, 9 minutes, 9.6 seconds of mean time.

Length of the tropical year (from equinox to equinox), 365 days, 5 hours, 48 minutes, 46.07 seconds of mean time.

Mean distance from earth to moon, 238,850 miles.

The length of a second's pendulum, that is, one which vibrates once in a second, in vacuo,

ASTRONOMICAL CONSTANTS—*Continued.*

at any place whose latitude is l, is $39.01254 + 0.20827 \sin^2 l$ inches. At New York it is 39.1013 inches.

The acceleration of gravity in one second of mean solar time is $32.086528 + 0.171293 \sin^2 l$ feet. The half of this is the distance through which a body falls (in a vacuum) in one second.

The velocity of light is 186,330 miles per second.

Light requires 8 minutes and 18 seconds to pass from the sun to the earth when at its *mean* distance, as given above; therefore, when we look at the sun we see him not where he actually is, but where he was about 8 minutes and 18 seconds ago; his *true* place is then always in advance of his apparent place.

Pole Star.

MEAN TIME OF TRANSIT (AT NEW YORK) AND POLAR DISTANCE OF POLE STAR.

1900	January.		February.		March.		April.		May.		June.	
Day of Month.	Upper Transit.	Polar Distance.	Lower Transit.	Polar Distance.	Lower Transit.	Polar Distance.	Lower Transit.	Polar Distance.	Lower Transit.	Polar Distance.	Lower Transit.	Polar Distance.
	P. M. H. M. S.	° ′ ″	A. M. H. M. S.	° ′ ″	A. M. H. M. S.	° ′ ″	A. M. H. M. S.	° ′ ″	P. M. H. M. S.	° ′ ″	P. M. H. M. S.	° ′ ″
1	6 28 34	1 13 8	4 37 57	1 13 7	2 47 28	1 13 12	12 45 24	1 13 21	10 43 37	1 13 30	8 42 4	1 13 37
11	5 58 54	1 13 7	3 58 29	1 13 8	2 8 4	1 13 14	12 6 4	1 13 24	10 4 22	1 13 33	8 2 54	1 13 38
21	5 19 25	1 13 7	3 19 1	1 13 10	1 28 41	1 13 17	11 22 52 P.M.	1 13 27	9 25 10	1 13 35	7 23 45	1 13 39

1900	July.		August.		September.		October.		November.		December.	
Day of Month.	Lower Transit.	Polar Distance.	Upper Transit.	Polar Distance.	Upper Transit.	Polar Distance.	Upper Transit.	Polar Distance.	Upper Transit.	Polar Distance.	Upper Transit.	Polar Distance.
	P. M. H. M. S.	° ′ ″	A. M. H. M. S.	° ′ ″	A. M. H. M. S.	° ′ ″	A. M. H. M. S.	° ′ ″	P. M. H. M. S.	° ′ ″	P. M. H. M. S.	° ′ ″
1	6 44 37	1 13 39	4 45 14	1 13 36	2 43 47	1 13 29	12 46 7	1 13 18	10 40 20	1 13 7	8 42 11	1 12 57
11	6 5 38	1 13 39	4 6 4	1 13 34	2 4 35	1 13 26	12 6 50	1 13 15	10 0 59	1 13 3	8 2 45	1 12 54
21	5 26 19	1 13 38	3 26 54	1 13 32	1 25 21	1 13 22	11 23 36 P.M.	1 13 11	9 21 36	1 13 0	7 23 18	1 12 52

From June 16 to August 1 both the upper and lower transits take place during daylight. The azimuth at the time of greatest eastern or western elongation can be easily computed from the formula:

$$\sin A = \frac{\sin p}{\cos l}$$

where A denotes the azimuth, p the polar distance, and l the latitude of the place.

DATE OF GREATEST ELONGATION.

To find the time of greatest eastern or western elongation, let H denote the hour angle, and l and p as before, then we shall have

$$\cos H = \tan p \tan l.$$

And the hour angle in mean time is

$$H_m = H^\circ \times 0{\cdot}0664846.$$

This quantity, H^m, added to or subtracted from the time of transit given above, according to the elongation required, will give the mean time of the *greatest* elongation at any place whose north latitude is l.

Star Table.

FOR IDENTIFYING THE PRINCIPAL FIXED STARS.

Name of Star.	Declination	On Meridian. Upper.	On Meridian. Lower.	Name of Star.	Declination	On Meridian. Upper.	On Meridian. Lower.
	° ′	H. M.	H. M.		° ′	H. M.	H. M.
α Andromedæ	N 28 31	− 1 18.0	+10 40.0	α Leonis (Regulus)	N 12 28	+ 8 40.1	+20 38.1
γ Pegasi (Algenib)	N 14 37	− 1 13.2	+10 44.8	α Virginis (Spica)	S 10 37	+11 56.5	+23 54.5
α Cassiopeiæ	N 55 58	− 0 42.2	+11 15.8	α Bootis (Arcturus)	N 19 43	+12 47.5	+ 0 45.5
α Arietis	N 22 59	+ 0 40.0	+12 38.0	β Ursæ Minoris	N 74 35	+13 27.5	+ 1 25.5
β Persei (Algol)	N 40 34	+ 1 39.9	+13 37.9	α Coronæ Borealis	N 27 4	+13 49.7	+ 1 47.7
α Tauri (Aldebaran)	N 16 18	+ 3 8.2	+15 6.2	α Scorpii (Antares)	S 26 12	+14 59.3	+ 2 57.3
α Aurigæ (Capella)	N 45 54	+ 3 47.1	+15 45.1	α Lyræ (Vega)	N 38 41	+17 9.3	+ 5 7.3
β Orionis (Rigel)	S 8 19	+ 3 47.6	+15 45.6	α Aquilæ (Altair)	N 8 36	+18 21.4	+ 6 19.4
α Orionis (Betelguese)	N 7 23	+ 4 27.6	+16 25.6	α Cygni (Deneb)	N 44 55	+19 13.5	+ 7 11.5
α Canis Majoris (Sirius)	S 16 35	+ 5 18.4	+17 16.4	α Cephei	N 62 9	+19 51.5	+ 7 49.5
α Geminorum (Castor)	N 32 7	+ 6 5.7	+18 3.7	α Aquarii	S 0 49	+20 35.8	+ 8 33.8
β Geminorum (Pollux)	N 28 16	+ 6 16.6	+18 14.6	α Piscis Aus.	S 30 10	+21 27.1	+ 9 25.1
α Canis Minor	N 5 29	+ 6 11.6	+18 9.6	α Pegasi (Markab)	N 14 39	+21 34.7	+ 9 32.7

To find the time of the star's transit add or substract, according to the sign, the numbers in the second column of figures to the date of the transit of the pole star given above. Thus, for α Andromedæ February 1. Lower Transit of Polar Star is 4 h. 37.9 m. A. M., to which add 10 h. 40 m. and we have 3 h. 17.9 m. P. M.; for December 1, we find 7 h. 22.2 m. P. M., etc.

The Fixed Stars.

SPECTROSCOPIC and other observations show the fixed stars to be self-luminous bodies—suns to other systems of planets. An analysis of their light indicates the presence of the same chemical elements that exist in our own sun and the earth, together with others unknown in our solar system.

Owing to their prodigious distance from us, they present no appreciable disc when viewed through the most powerful telescopes. So far as we know, Alpha Centauri—a brilliant star of the Southern Hemisphere—is our nearest neighbor, yet its distance is so great that light which travels 186,330 miles per second requires about 3½ years to reach us. This distance is approximately 224,000 times the radius of the earth's orbit, or about 20,720,000,000,000 miles, and yet this is a mere trifle compared with the distance which intervenes between us and other stars whose parallax has been approximately determined.

Thus, light requires 21½ years to come from Sirius, 25½ years from Arcturus, 48.3 years from Polaris, while the time required from the telescopic stars is immensely greater. An English astronomer, Halley, in 1718, was the first to discover that the so-called fixed stars have a *proper motion* of their own, which displaces them slightly with reference to each other. This motion is very small—a fraction of a second in a year on an average. About 150 stars have a motion of one second annually. The largest proper motion known is that of 1830 Groombridge, of the seventh magnitude, and sometimes called the "*runaway*" star; it has an annual drift of seven seconds, sufficient to enable it to complete the circuit of the heavens in 185,000 years.

The star 61 Cygni (sixth magnitude) has an annual proper motion of 5″.2; Alpha Centauri, 3″.7; Arcturus, 2″.1, and Sirius, 1″.1.

Since the time of Ptolemy, Arcturus has moved more than a degree, and Sirius about half that amount. The direction of motion is in general different for each star, but the angular observed "*proper motion*" can furnish but little information of what the real or linear motion through space is. Arcturus is rushing toward us at the rate of nearly sixty miles per second and Sirius receding from us at the rate of nineteen miles per second, and similar results are found for many other stars; thus, of the seven bright stars forming the "*Great Dipper*" in Ursa Major, the one nearest the pole is approaching, while the remainder are rapidly receding from us.

REMARKABLE STARS.

Many stars have disappeared, or have ceased to emit light enough to render them visible. Thus, the 55th of Hercules was observed by Herschell in 1781 to be of a ruby red color, but in 1791 it disappeared and has not been seen since.

Changes in the brightness of certain stars have been observed in a dozen or more; thus, in the time of Eratosthenes, the star in the claw of the Scorpion (now known as Beta Libri) was the brightest in the constellation, but at the present time it is a whole magnitude below Antares, which ranks as a first magnitude star. The two stars Castor and Pollux, in the constellation Gemini, were catalogued by Beyer as Alpha and Beta respectively, the former being the brighter, but now the latter is notably the brighter of the two.

Another conspicuous example is Eta Argus (not visible in this country); it varies from the first to the seventh magnitude. In 1843 it was nearly as bright as Sirius, but at present it is of the seventh magnitude, scarcely visible to the naked eye. This star is situated in the midst of a nebula which, probably in some unknown manner, influences its brightness. Alpha Orionis and Alpha Cassiopeiae also show variations of brightness, but in a far less degree. In 1866, May 10-12, a star in the constellation Northern Crown blazed out as of the second magnitude, remained so for some four or five days, and then during five or six weeks gradually faded away to its original brightness, for it was before the outburst, and is now, only a ninth or tenth magnitude star, not visible without telescopic aid. During its maximum brightness its spectrum exhibited the bright lines of hydrogen—like our own sun Some mighty conflagration of incandescent hydrogen was evidently going on on its surface. In 1876 a similar phenomenon appeared in the constellation Cygnus. In this instance the star attained the second magnitude, at which it remained for a few days, and then gradually faded away to the fifteenth magnitude.

The last temporary star was very peculiar; it suddenly appeared in the great nebula of Andromeda in the year 1885. It never rose above the fifth magnitude, but in six months it absolutely disappeared; no trace of it can now be found.

VARIABLE STARS.

The most notable of this class of stars is Mira Stella, or the wonderful star in the constellation Cetus, or the Whale. It has been known since 1596, is a faint twelfth magnitude star, but once every eleven months it runs up to the third or second magnitude, and then back again, occupying about 100 days in its rise and fall. The star Algol, or Beta Persei, is another conspicuous example. Its period of variation is 2 days 20 hours 48.9 minutes. During most of the time the star remains of the second magnitude; it falls to the fourth magnitude in about 4½ hours; remains at its minimum brightness for about 20 minutes, and then in 3½ hours returns to its original condition.

No satisfactory explanation has yet been found to account for these stellar phenomena. In the case of Algol, however, it evidently appears to suffer a partial eclipse by the interposition of a huge dark companion revolving around it. If such is the case, the mass of Algol must be absolutely prodigious compared with our sun in order to cause so rapid a revolution of the attendant dark body.

DOUBLE AND MULTIPLE STARS.

Many stars which appear single to the naked eye are found to be double when viewed through a telescope of even moderate power. About 10,000 such couples are known, and the number is increasing. In a few instances three or four such stars are found so close together that they appear to the unaided eye as a single star. Of the most familiar doubles we may mention Castor, Zeta Ursae Majoris, or the star in the middle of the handle of the Great Dipper; Gamma Virginis, Beta Cygni, and Alpha Herculis, and, as examples of multiple stars, Theta Orionis (the trapezium of Orion), Zeta Concri, and Epsilon Lyrae.

Two stars may, and many of them do, lie on or nearly the same straight line from the earth, and thus appear as one star. Such stars are called "*optically double*," but no real connection exists between them.

Stars which are very near each other and come under the influence of their mutual attraction are called "*Binary Stars.*" In such cases the stars revolve around their common centre of gravity, but, as is frequently the case, one of the stars is comparatively very small, and may be regarded as revolving around the larger one. Among the notable binary stars whose periods have been determined may be mentioned Sirius, Alpha Geminorum (Castor), Alpha Centauri, 61 Cygni, Zeta Ursae Majoris, Polaris, and probably Procyon. The first five have periods of 44, 997 (?), 77, 450 (?), and 61 years

respectively. The companion of Procyon has not yet been discovered, but there is no doubt of its existence, because the position of Procyon is disturbed by some attracting body to such a degree that it must be taken into account in computing the position of the star as given in the nautical almanacs.

Of the multiple stars we have space only to mention three. Zeta Concri, the two large stars of which revolve around their common centre of gravity in nearly circular orbits less than 2″ in diameter and in a period of about sixty years, while the third star, very small and more distant, revolves around the closed pair in an orbit not yet well determined. In the case of Epsilon Lyrae, we have two pairs physically connected and revolving around their common centre of gravity in a period of thousands of years. In Theta Orionis we have another group, not in pairs, but at nearly equal distance from each other and forming a very complicated system.

STAR CLUSTERS.

There are also many groups of stars, called clusters, containing from a hundred to many thousand stars; some of these are well known and visible to the naked eye, as the Pleiades and Hyades; some require telescopic aid to resolve them into stars, as Praesepe in Cancer and the cluster in the sword handle of Perseus, while others appear as faint white patches and are resolved into stars by the most powerful telescopes. The galaxy or Milky Way is an enormous cluster encircling the heavens and composed of stars from the tenth magnitude down. Scattered also apparently at random throughout the illimitable regions of space are great numbers of faintly shining bodies of prodigious magnitude and known as "*nebulae*." Some 12,000 of these have been already catalogued.

Two or three are visible to the naked eye, for instance, the nebula in the girdle of Andromeda, in which the temporary star of 1885 appeared; the great nebula in Orion, which in its grea variety of details far surpasses all others. No telescope has or ever will resolve these into stars, for the reason that they are not composed of stars. The spectroscope informs us that they are for the most part incandescent gaseous bodies, in which the work of creation of stars (suns) and planetary systems is doubtless going on.

Large Telescopes.

WITH the view of solving the problems of sidereal astronomy, several gigantic telescopes are in course of construction. The largest ever made is now being erected in Paris, France, for the exhibition of 1900. It has two object glasses, each 4 feet in diameter and each weighing 1,600 pounds, one for visual observations and the other for photographic work. The tube is nearly 200 feet long and made of steel about 1-10th of an inch in thickness and weighs 21 tons; its diameter in the largest part is 59 inches, and is composed of 24 separate pieces screwed together.

It would be practically impossible to mount this monster instrument in the ordinary way, owing to its great weight and the consequent instability and flexure to which it would be subject, not to mention the huge dome which would be required to protect it. The tube is therefore placed in a horizontal position, ranging north and south, and resting on eight cast-iron pillars supported on masonry. In order to obviate the effects of expansion by heat, the supports can slide on a system of rails attached to the piers. In front of the mirror is a large plane mirror or siderostat, so mounted that when moved by clock mechanism it will reflect into the telescope the rays falling upon it from a celestial body. The observer is thus enabled to view the object at his ease.

The siderostat weighs 6½ tons; the diameter of the great mirror is 78 inches. Assuming the lenses to be correctly figured, this telescope will, in light-grasping power, exceed the great Yerkes telescope in the ratio of 36 to 25, and the Lick in the ratio of 16 to 9, but owing to the loss of light by reflection from the siderostat these ratios will be considerably reduced. The instrument will doubtless render good service in astronomical photography, in resolving very close double stars, and in other delicate problems of observational astronomy.

Another monster telescope is in course of construction for the new Allegheny Observatory. The object glass is to be 32 inches in diameter, and to be ground and figured by Mr. Brashear, of Pittsburgh, Pa.

Other large telescopes, already mounted, are as below:

Yerkes Observatory	William's Bay, Wis	40 inches	aperture.
Lick "	Mt. Hamilton, Col	36 "	"
Imperial "	Pulkova, Russia	30 "	"
Naval "	Washington, D. C	26 "	"
University of Virginia	Charlottesville, Va	26 "	"
University of Vienna	Vienna, Austria	26 "	"
Greenwich Observatory	Greenwich, England	26 "	"
Halsted "	Princeton, N. J	23 "	"

The list of those from 18 to 6 inches aperture is now too numerous to tabulate.

The Ancient Hour.

THE early Egyptians divided the day and night each into twelve hours, a custom adopted by the Jews or Greeks probably from the Babylonians. The day is said to have first been divided into hours from B. C. 293, when a sun-dial was erected in the temple of Quirinus, at Rome. Previous to the invention of water-clocks, B. C. 158, the time was called at Rome by public criers. In early England one expedient for measuring time was by wax candles, three inches burning an hour. The first perfect mechanical clock was not made until about A. D. 1250. Day began at sunrise among most of the Northern nations, at sunset among the Athenians and Jews, at midnight among the Romans, as with us.

The Earth's Atmosphere.

THE earth's sensible atmosphere is generally supposed to extend some forty miles in height, probably farther, but becoming at only a few miles from the surface of too great a tenuity to support life. The condition and motions of this aerial ocean play a most important part in the determination of climate, modifying, by absorbing, the otherwise intense heat of the sun, and, when laden with clouds, hindering the earth from radiating its acquired heat into space. The amount of heat absorbed in its passage through the atmosphere will depend upon the thickness of the stratum which the rays have to penetrate, and this on the meridian altitude of the sun.—*Whitaker.*

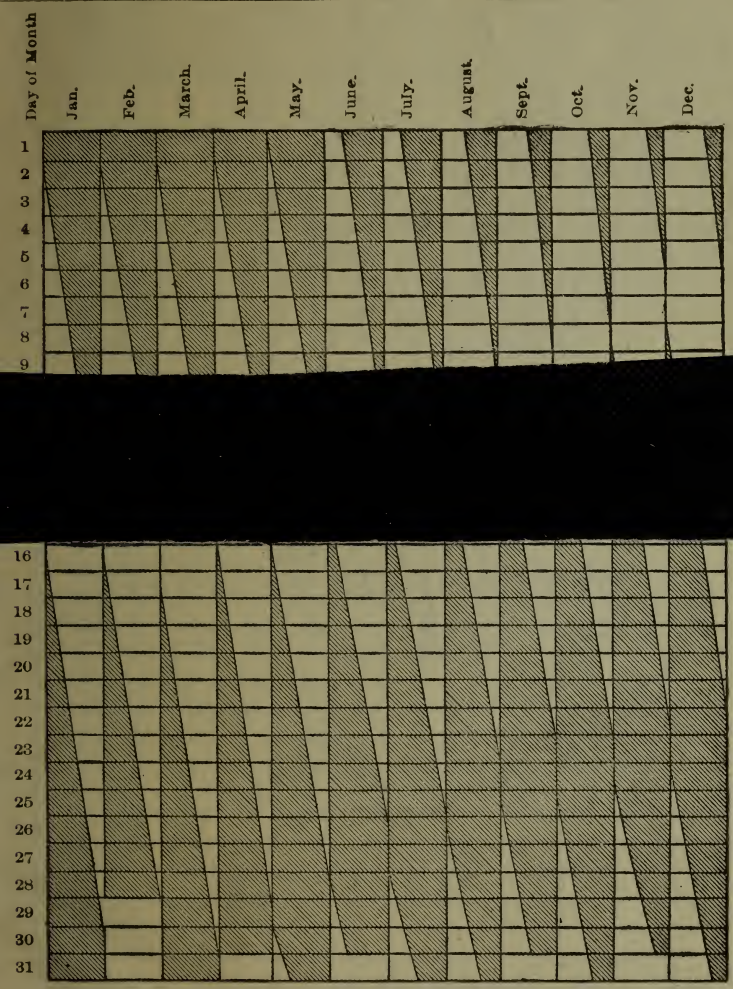
The Twentieth Century.

THE first century began with the first day of the year 1 and ended with the last day of the year 100. It could not end with the last day of the year 99, for 100, not 99, years make a century. The Nineteenth Century, therefore, ends at midnight on December 31, 1900, and the Twentieth Century then begins.

The Moon's Phases, 1900.

1900.	Phase.	Day.	Boston.	New York.	Washington.	Charleston.	Chicago.
			H. M.	H. M.	H. M.	H. M.	H. M.
January.	New Moon.	1	9 8 A.M.	8 56 A.M.	8 44 A.M.	8 32 A.M.	d 8 1 A.M.
	First Quarter.	8	12 56 A.M.	12 44 A.M.	12 32 A.M.	12 20 A.M.	7 11 49 P.M.
	Full Moon.	15	2 23 P.M.	2 11 P.M.	1 59 P.M.	1 48 P.M.	1 17 P.M.
	Last Quarter.	23	7 9 P.M.	6 57 P.M.	6 45 P.M.	6 33 P.M.	6 2 P.M.
	New Moon.	30	8 38 P.M.	8 27 P.M.	8 14 P.M.	8 3 P.M.	7 32 P.M.
Feb'y.	First Quarter.	6	11 39 A.M.	11 27 A.M.	11 15 A.M.	11 4 A.M.	10 33 A.M.
	Full Moon.	14	9 6 A.M.	8 54 A.M.	8 42 A.M.	8 31 A.M.	8 0 A.M.
	Last Quarter.	22	12 0 P.M.	11 48 A.M.	11 36 A.M.	11 25 A.M.	10 54 A.M.
March.	New Moon.	1	6 41 A.M.	6 29 A.M.	6 17 A.M.	6 6 A.M.	d 5 35 A.M.
	First Quarter.	8	12 50 A.M.	12 38 A.M.	12 26 A.M.	12 15 A.M.	7 11 44 P.M.
	Full Moon.	16	3 28 A.M.	3 16 A.M.	3 4 A.M.	2 52 A.M.	2 21 A.M.
	Last Quarter.	24	12 52 A.M.	12 40 A.M.	12 28 A.M.	12 17 A.M.	23 11 46 P.M.
	New Moon.	30	3 46 P.M.	3 34 P.M.	3 22 P.M.	3 11 P.M.	2 40 P.M.
April.	First Quarter.	6	4 11 P.M.	3 59 P.M.	3 47 P.M.	3 35 P.M.	3 4 P.M.
	Full Moon.	14	8 18 P.M.	8 6 P.M.	7 54 P.M.	7 43 P.M.	7 12 P.M.
	Last Quarter.	22	9 49 A.M.	9 37 A.M.	9 25 A.M.	9 14 A.M.	d 8 43 A.M.
	New Moon.	29	12 39 A.M.	12 27 A.M.	12 15 A.M.	12 4 A.M.	28 11 33 P.M.
May.	First Quarter.	6	8 55 A.M.	8 43 A.M.	8 31 A.M.	8 20 A.M.	7 49 A.M.
	Full Moon.	14	10 52 A.M.	10 40 A.M.	10 28 A.M.	10 17 A.M.	9 46 A.M.
	Last Quarter.	21	3 47 P.M.	3 35 P.M.	3 23 P.M.	3 11 P.M.	2 40 P.M.
	New Moon.	28	10 6 A.M.	9 54 A.M.	9 42 A.M.	9 30 A.M.	8 59 A.M.
June.	First Quarter.	5	2 15 A.M.	2 3 A.M.	1 51 A.M.	1 39 A.M.	1 8 A.M.
	Full Moon.	12	10 54 P.M.	10 43 P.M.	10 30 P.M.	10 19 P.M.	9 48 P.M.
	Last Quarter.	19	8 13 P.M.	8 1 P.M.	7 49 P.M.	7 38 P.M.	7 7 P.M.
	New Moon.	26	8 43 P.M.	8 31 P.M.	8 19 P.M.	8 8 P.M.	7 37 P.M.
July.	First Quarter.	4	7 29 P.M.	7 18 P.M.	7 5 P.M.	6 54 P.M.	6 23 P.M.
	Full Moon.	12	8 38 A.M.	8 26 A.M.	8 14 A.M.	8 2 A.M.	d 7 31 A.M.
	Last Quarter.	19	12 47 A.M.	12 35 A.M.	12 23 A.M.	12 12 A.M.	18 11 41 P.M
	New Moon.	26	8 59 A.M.	8 47 A.M.	8 35 A.M.	8 23 A.M.	7 52 A.M.
August.	First Quarter.	3	12 1 P.M.	11 49 A.M.	11 37 A.M.	11 26 A.M.	10 55 A.M.
	Full Moon.	10	4 46 P.M.	4 34 P.M.	4 22 P.M.	4 10 P.M.	3 40 P.M.
	Last Quarter.	17	7 2 A.M.	6 50 A.M.	6 38 A.M.	6 27 A.M.	5 56 A.M.
	New Moon.	24	11 8 P.M.	10 57 P.M.	10 44 P.M.	10 33 P.M.	10 2 P.M.
Septemb'r	First Quarter.	2	3 12 A.M.	3 0 A.M.	d 2 48 A.M.	d 2 36 A.M.	d 2 5 A.M.
	Full Moon.	9	12 22 A.M.	12 10 A.M.	8 11 58 P.M.	8 11 47 P.M.	8 11 16 P.M.
	Last Quarter.	15	4 13 P.M.	4 1 P.M.	3 49 P.M.	3 38 P.M.	3 7 P.M.
	New Moon.	23	3 13 P.M.	3 1 P.M.	2 49 P.M.	2 38 P.M.	2 7 P.M.
October.	First Quarter.	1	4 26 P.M.	4 15 P.M.	4 2 P.M.	3 51 P.M.	3 20 P.M.
	Full Moon.	8	8 34 A.M.	8 22 A.M.	8 10 A.M.	7 59 A.M.	7 28 A.M.
	Last Quarter.	15	5 7 A.M.	4 55 A.M.	4 43 A.M.	4 31 A.M.	4 0 A.M.
	New Moon.	23	8 43 A.M.	8 31 A.M.	8 19 A.M.	8 8 A.M.	7 37 A.M.
	First Quarter.	31	3 33 A.M.	3 21 A.M.	3 9 A.M.	2 58 A.M.	2 27 A.M.
November	Full Moon.	6	6 16 P.M.	6 4 P.M.	5 52 P.M.	5 40 P.M.	5 9 P.M.
	Last Quarter.	13	9 53 P.M.	9 41 P.M.	9 29 P.M.	9 18 P.M.	9 47 P.M.
	New Moon.	22	2 33 A.M.	2 21 A.M.	2 9 A.M.	1 58 A.M.	1 27 A.M.
	First Quarter.	29	12 51 P.M.	12 39 P.M.	12 27 P.M.	12 16 P.M.	11 45 A.M.
December	Full Moon.	6	5 54 A.M.	5 42 A.M.	5 30 A.M.	5 19 A.M.	4 48 A.M.
	Last Quarter.	13	5 58 P.M.	5 46 P.M.	5 34 P.M.	5 23 P.M.	4 52 P.M.
	New Moon.	21	7 17 P.M.	7 5 P.M.	6 53 P.M.	6 42 P.M.	6 11 P.M.
	First Quarter.	28	9 4 P.M.	8 52 P.M.	8 40 P.M.	8 29 P.M.	7 58 P.M.

Moonlight Chart, 1900.



EXPLANATION.—The white spaces indicate the amount of moonlight *each night*. Thus, January 8, February 7, etc., the moon sets at or near midnight, when the former half only of the night has moonlight; January 15, February 14, etc., the time of full moon, when for two or three nights in succession moonlight lasts all night; January 22, February 21, etc., when the moon rises at or near midnight and the latter half of the night has moonlight, and January 30, March 1, etc., the time of new moon, when for two or three nights in succession there is no moonlight.

Principal Elements of the Solar System.

NAME.	Mean Distance from Sun, Millions of Miles.	Sidereal Period, Days.	Orbit Velocity, Miles per Second.	Mean Diameter, Miles.	Mass, Earth =1.	Volume, Earth =1.	Density, Earth =1.	Gravity at Surface, Earth =1.
Sun	.....	.....	.....	866,400	331100	1310000	0.25	27.65
Mercury	36.0	87.969	23 to 35	3,030	0.125	0.056	2.23	0.85
Venus	67.2	224.701	21.9	7,700	0.78	0.92	0.86	0.83
Earth	92.8	365.256	18.5	7,918	1.00	1.00	1.00	1.00
Mars	141.5	686.950	15.0	4,230	0.107	0.152	0.72	0.38
Jupiter	483.3	4332.58	8.1	86,500	316.0	1309	0.24	2.65
Saturn	886.0	10759.22	6.0	71,000	94.9	721	0.13	1.18
Uranus	1781.9	30686.82	4.2	31,900	14.7	65	0.22	0.91
Neptune	2791.6	60181.11	3.4	34,800	17.1	85	0.20	0.88

The number of asteroids discovered up to present date is about 430. A number of these small planets have not been observed since their discovery, and are practically lost. Consequently it is now sometimes a matter of doubt, until the elements have been computed, whether the supposed new planet is really new, or only an old one rediscovered.

"It is supposed that α Centauri, one of the brightest stars of the Southern Hemisphere, is the nearest of the fixed stars to the earth. The researches on its parallax by Henderson and Maclear gave, for its distance from the earth, in round numbers, 20,720,000,000,000 miles. At the inconceivably rapid rate at which light is propagated through space, it would require about 3½ years to reach the earth from this star."—*Whitaker.*

Periodic Comets.

OBSERVED AT MORE THAN ONE PERIHELION PASSAGE.

NAME	Perihelion Passage.	Period (Years)	Perihel. Dist. Earth's Orbit=1.	Eccentricity.	NAME.	Perihelion Passage.	Period (Years)	Perihel. Dist. Earth's Orbit=1.	Eccentricity.
Encke	1885, Mar. 7	3.3	0.34	0.846	Biela	1852, Sept. 23	6.6	0.86	0.755
Tempel	1883, Nov. 20	5.2	1.34	0.553	D'Arrest	1884, Jan. 13	6.7	1.33	0.626
Barnard	1890, Feb.	5.4	1.28	0.582	Faye	1881, Jan. 22	7.6	1.74	0.549
Tempel-Swift.	1886, May 9	5.5	1.07	0.656	Tuttle	1885, Sept. 11	13.8	1.02	0.821
Brorsen	1879, Mar. 30	5.5	0.59	0.810	Pons-Brooks	1884, Jan. 25	71.5	0.77	0.955
Winnecke	1886, Sept. 4	5.8	0.88	0.727	Olbers	1887, Oct. 8	72.6	1.20	0.931
Tempel	1885, Sept. 25	6.5	2.07	0.405	Halley	1835, Nov. 15	76.4	0.59	0.967

Meteorites.

THESE bodies are now considered to be the débris of disintegrated comets, since the greater number of them, and especially the showers, revolve around the sun in orbits which are identical with those of comets no longer visible. Omitting sporadic meteors, which can be seen on almost any clear night, and which appear to be describing independent orbits of their own, the principal meteoric groups are those of August and November. The orbit of the former extends to an unknown distance beyond the orbit of Neptune, while the latter reaches only a slight distance beyond the orbit of Uranus. Meteors are not uniformly distributed around their entire orbit, but occur in groups of such immense size that it sometimes takes a year or two for the swarm to pass a given point, although moving with planetary velocity. The principal groups, or showers, are known as the Leonids, Andromedes, and Perseids; the first have a period of about thirty-three years; the second of thirteen years, and the third are not limited to any date, but appear more or less abundant for a week or two about the 1st of August every year. Many great showers are on record, but the most notable one in recent times occured in November, 1833; others took place November 13-14, 1866 and 1867, and another may be expected about the 14th or 15th of November, 1900.

When a meteor enters the earth's atmosphere it becomes intensely heated, owing to the resistance and friction, and, if small, is completely consumed; but if large enough its passage is accompanied by a continuous roar, with tremendous explosions, which can be heard for distances of forty or fifty miles. Meteors vary in size from mere grains of sand to several tons, and consist for the most part of iron and nickel, but no fewer than twenty-four terrestrial elements have been found in them.

We may confidently expect a meteoric shower about the 14th of November, 1900, and it is hoped that observers throughout the country will be on the alert during this time, for if the shower at all approaches that of 1833 it will form one of the grandest sights that is likely to greet mortal vision.

Easter Sunday.

A Table Showing the Date of Easter Sunday in Each Year of the Nineteenth and Twentieth Centuries.

1801—April 5.	1835—April 19.	1869—Mar. 28.	1902—Mar. 30.	1935—April 21.	1968—April 14.
1802—April 18.	1836—April 3.	1870—April 17.	1903—April 12.	1936—April 12.	1969—April 6.
1803—April 10.	1837—Mar. 26.	1871—April 9.	1904—April 3.	1937—Mar. 28.	1970—Mar. 29.
1804—April 1.	1838—April 15.	1872—Mar. 31.	1905—April 23.	1938—April 17.	1971—April 11.
1805—April 14.	1839—Mar. 31.	1873—April 13.	1906—April 15.	1939—April 9.	1972—April 2.
1806—April 6.	1840—April 19.	1874—April 5.	1907—Mar. 31.	1940—Mar. 24.	1973—April 22.
1807—Mar. 29.	1841—April 11.	1875—Mar. 28.	1908—April 19.	1941—April 13.	1974—April 14.
1808—April 17.	1842—Mar. 27.	1876—April 16.	1909—April 11.	1942—April 5.	1975—Mar. 30.
1809—April 2.	1843—April 16.	1877—April 1.	1910—Mar. 27.	1943—April 25.	1976—April 18.
1810—April 22.	1844—April 7.	1878—April 21.	1911—April 16.	1944—April 9.	1977—April 10.
1811—April 14.	1845—Mar. 23.	1879—April 13.	1912—April 7.	1945—April 1.	1978—Mar. 26.
1812—Mar. 29.	1846—April 12.	1880—Mar. 28.	1913—Mar. 23.	1946—April 21.	1979—April 15.
1813—April 18.	1847—April 4.	1881—April 17.	1914—April 12.	1947—April 6.	1980—April 6.
1814—April 10.	1848—April 23.	1882—April 9.	1915—April 4.	1948—Mar. 28.	1981—April 19.
1815—Mar. 26.	1849—April 8.	1883—Mar. 25.	1916—April 23.	1949—April 17.	1982—April 11.
1816—April 14.	1850—Mar. 31.	1884—April 13.	1917—April 8.	1950—April 9.	1983—April 3.
1817—April 6.	1851—April 20.	1885—April 5.	1918—Mar. 31.	1951—Mar. 25.	1984—April 22.
1818—Mar. 22.	1852—April 11.	1886—April 25.	1919—April 20.	1952—April 13.	1985—April 7.
1819—April 11.	1853—Mar. 27.	1887—April 10.	1920—April 4.	1953—April 5.	1986—Mar. 30.
1820—April 2.	1854—April 16.	1888—April 1.	1921—Mar. 27.	1954—April 18.	1987—April 19.
1821—April 22.	1855—April 8.	1889—April 21.	1922—April 16.	1955—April 10.	1988—April 3.
1822—April 7.	1856—Mar. 23.	1890—April 6.	1923—April 1.	1956—April 1.	1989—Mar. 26.
1823—Mar. 30.	1857—April 12.	1891—Mar. 29.	1924—April 20.	1957—April 21.	1990—April 15.
1824—April 18.	1858—April 4.	1892—April 17.	1925—April 12.	1958—April 6.	1991—Mar. 31.
1825—April 3.	1859—April 24.	1893—April 2.	1926—April 4.	1959—Mar. 29.	1992—April 19.
1826—Mar. 26.	1860—April 8.	1894—Mar. 25.	1927—April 17.	1960—April 17.	1993—April 11.
1827—April 15.	1861—Mar. 31.	1895—April 14.	1928—April 8.	1961—April 2.	1994—April 3.
1828—April 6.	1862—April 20.	1896—April 5.	1929—Mar. 31.	1962—April 22.	1995—April 16.
1829—April 19.	1863—April 5.	1897—April 18.	1930—April 20.	1963—April 14.	1996—April 7.
1830—April 11.	1864—Mar. 27.	1898—April 10.	1931—April 5.	1964—Mar. 29.	1997—Mar. 30.
1831—April 3.	1865—April 16.	1899—April 2.	1932—Mar. 27.	1965—April 18.	1998—April 12.
1832—April 22.	1866—April 1.	1900—April 15.	1933—April 16.	1966—April 10.	1999—April 4.
1833—April 7.	1867—April 21.	1901—April 7.	1934—April 1.	1967—Mar. 26.	2000—April 23.
1834—Mar. 30.	1868—April 12.				

New Testament Chronology.

Zahn, the latest and most important of the German biblical scholars, has published (1899) his conclusions as to the chronology of New Testament literature and leading New Testament events, in substance as follows:

	Year A.D.
Death and Resurrection of Christ..Probably	30
The events recorded Acts i.-viii., 1 to about	30-34
Conversion of St. Paul.....Beginning of	35
Three years' sojourning of Paul in Damascus, interrupted once by a journey to Arabia. Flight from Damascus, first visit to Jerusalem, and stay at Tarsus	38
Peter at Joppa and Cæsarea.....Beginning	40
Luke a church member at Antiochia. Paul brought from Tarsus to Antiochia by Barnabas, either Summer or Autumn of.....	43
Death of James Zebedai, imprisonment of Peter, flight of the latter and other prophets from Jerusalem .....Easter	44
Visit of Peter and others from Jerusalem to Antiochia. Letter of St. James.....	50
First mission tour of Paul, Spring 50 to Fall	51
Apostles convene in Jerusalem, Beginning of	52
Start of second mission tour of St. Paul, Spring of	52
Arrival at Corinth.....About November	52
Epistle to the Galatians.....Beginning of	53
First Epistle to the Thessalonians, Spring of	53
Second Epistle to Thessalonians....Summer	53
Journey from Corinth to Ephesus, before Pentecost.....About May	54
Beginning of the third mission tour from Antiochia to Ephesus...Probably Summer	54
Arrival at Ephesus.....About February	55
Short visit to Corinth from Ephesus. Last Epistle of St. Paul to the Corinthians, End of 56 or beginning of	57
Letter of the Corinthians to St. Paul. First Epistle of Paul to the Corinthians..Easter	57
Departure of Paul and Timothy from Ephesus by way of Troas to Macedonia, About or after Pentecost	57
Second Epistle to the Corinthians, About November or December	57
Journey of Paul from Macedonia to Corinth, About New Year	58
Epistle to the Romans during a three months' stay in Greece and Corinth, About February	58
Journey by way of Macedonia, Troas, Miletus, etc., to Jerusalem. Arrival in Jerusalem and beginning of captivity in Cæsarea..... About Pentecost	58
Defence before Festus.....	60
Departure from Cæsarea.....September	60
Arrival at Rome.....March	61
Epistles to Ephesians, Colossians, and Philemon.....Summer	62
Second Epistle of St. Peter.....Beginning	62
Matthew writes his Aramaic Gospel, Beginning	62
Epistle to Philippians.....Summer of	63
Paul free again .....Late in Summer of	63
Journey of Paul to Spain..Fal. 63 or Spring	64
Arrival of Peter in Rome..Fall 63 or Spring	64
First Epistle of Peter.....Spring of	64
Mark in Rome, engaged on the completion of his Gospel .....Summer of	64
Persecution under Nero and crucifixion of Peter.....Fall of	64
Return of Paul from Spain and visitation of the Eastern congregation, I. Timothy and Titus..... .....Spring to Fall of	65
Stay at Nicopolis.....Winter of	65-66
Return of Paul to Rome.....Spring of	66
Arrest of Paul, II. Timothy.....Summer of	66
Paul beheaded.....End of 66 or beginning	67
Publication Gospel of Mark.....Beginning	67
Departure of St. John and other Apostles to the province of Asia.....Beginning	68
Epistle of Jude .....Beginning	75
Gospel and Acts of St. Luke.....Beginning	75
Epistle to the Hebrews.....Beginning	80
Origin of the Greek Matthew.....Beginning	85
Gospel and the Epistles of John....Between	80-90
Apocalypse of St. John.....Beginning	95
Death of St. John .....Beginning	100

Table of Memorable Dates.

B. C.
1183 Fall of Troy.
1082 Era of the Great Pyramid.
878 Carthage founded.
776 Olympic Era began.
753 Foundation of Rome.
588 Jerusalem taken by Nebuchadnezzar.
536 Restoration of the Jews under Cyrus.
509 Expulsion of Tarquins from Rome.
480 Xerxes defeated Greeks at Thermopylæ.
55 Cæsar conquered Britain.
4 Birth of Jesus Christ.

A. D.
29 The Crucifixion.
70 Jerusalem was destroyed by Titus.
313 Constantine converted to Christianity
410 The Romans abandoned Britain.
827 Egbert, first king of all England, Oct. 14.
1066 Battle of Hastings. Norman Conquest
1096 The Crusades began.
1172 Ireland was conquered by Henry II.
1215 King John granted Magna Charta, June 15.
1265 First Representative Parliament in England.
1415 Battle of Agincourt, Oct. 25.
1431 Joan of Arc was burnt, May 30.
1453 Constantinople taken by the Turks.
1455 The Wars of the Roses began.
1462 The Bible was first printed at Mentz.
1471 Caxton set up his printing press.
1486 The feuds of York and Lancaster ended.
1492 Columbus discovered America, Oct. 12
1517 The Reformation began in Germany.
1519 Cortez began the conquest of Mexico.
1535 The first English Bible printed.
1539 Monasteries were closed in England.
1558 Accession of Queen Elizabeth, Nov. 17
1565 Revolt of the Netherlands began.
1572 The St. Bartholomew Massacre, Aug. 24
1588 The Spanish Armada defeated, July.
1600 East India Company first chartered.
1603 Union of England and Scotland, March 24.
1605 The Gunpowder Plot in England.
1607 Jamestown, Va., was settled.
1609 Hudson River first explored.
1616 Shakespeare died, April 23.
1618 Thirty Years' War in Germany began.
1620 Pilgrims by the Mayflower landed.
1623 Manhattan Island settled.
1634 Maryland settled by Roman Catholics
1636 Rhode Island settled by Roger Williams.
1640 Cromwell's Long Parliament assembled.
1649 Charles I. was beheaded, Jan. 30.
1653 Oliver Cromwell became Lord Protector.

A. D.
1660 Restoration of the Stuarts.
1664 New York conquered from the Dutch.
1664 The great plague of London.
1666 The great fire of London began Sept. 2.
1679 Habeas Corpus Act passed in England.
1682 Pennsylvania settled by William Penn
1685 Revocation of the Edict of Nantes, Oct. 22.
1688 James II. abdicated, Dec. 11.
1690 Battle of the Boyne, July 1.
1690 First newspaper in America; at Boston.
1704 Gibraltar was taken by the English.
1713 Peace of Utrecht, April 11.
1714 Accession of House of Hanover, Aug. 1
1715 First Jacobite Rebellion in Great Britain.
1720 South Sea Bubble.
1745 Battle of Fontenoy, April 30.
1745 Second Jacobite Rebellion in Great Britain.
1756 Black Hole Suffocation in Calcutta.
1757 Clive won Battle of Plassey in India.
1759 Canada was taken from the French.
1765 Stamp Act enacted.
1773 Steam engine perfected by Watt.
1773 Tea destroyed in Boston Harbor, Dec. 16.
1775 Battle of Lexington, April 19.
1775 Battle of Bunker Hill, June 17.
1776 Declaration of Independence, July 4.
1777 Burgoyne's surrender, Oct. 17.
1779 Capt. Cook was killed, Feb. 14.
1781 Cornwallis' surrender at Yorktown, Oct. 19.
1788 First settlement in Australia, Jan. 26.
1789 The French Revolution began July 14
1789 Washington first inaug'ted President
1793 Cotton-gin invented by Whitney.
1793 Louis XVI. of France executed, Jan. 21
1796 Vaccination discovered by Jenner.
1798 The Irish Rebellion.
1799 Battle of Seringapatam; death of Tippoo.
1799 Bonaparte declared First Consul, Nov. 10.
1801 Union of Great Britain and Ireland, Jan. 1.
1803 Louisiana purchased from the French
1804 Bonaparte became Emperor of France
1805 Battle of Trafalgar; death of Nelson.
1807 Fulton's first steamboat voyage.
1812 Second war with Great Britain.
1812 The French expedition to Moscow.
1813 Perry's victory on Lake Erie, Sept. 10.
1814 The printing machine invented.
1814 Scott's "Waverley" published.
1815 Battle of New Orleans, Jan. 8.
1815 Battle of Waterloo, June 18.
1819 First steamship crossed the Atlantic.

A. D.
1820 Missouri Compromise adopted.
1823 Monroe Doctrine declared, Dec. 2.
1828 First passenger railroad in the United States.
1830 Revolution in France, Orleanist succession.
1832 S. Carolina Nullification Ordinance.
1835 Morse invented the telegraph.
1835 Seminole War in Florida began.
1837 Accession of Queen Victoria, June 20
1845 Texas annexed.
1846 Sewing machine completed by Elias Howe.
1846 The Irish Potato Famine.
1846 British Corn laws repealed, June 26.
1846 War with Mexico began.
1848 French Revolution. Republic succeeded.
1848 Gold discovered in California, Sept.
1851 Gold discovered in Australia, Feb. 12
1851 First International Exhibit'n, London
1852 Louis Napoleon became Emperor, Dec. 2.
1853 Crimean War began.
1857 The Great Mutiny in India.
1857 The Dred Scott decision.
1859 John Brown's raid into Virginia.
1860 South Carolina seceded, Dec. 20.
1861 Emancipation of the Russian serfs.
1863 Lincoln's Emancipation Proclamation, Jan. 1.
1863 Battle of Gettysburg, July 1-3.
1865 Lee surrendered at Appomattox, April 9.
1865 President Lincoln assassinated, April 14.
1866 Battle of Sadowa. Prussia beat Austria.
1867 Emperor Maximilian of Mexico executed.
1867 The Dominion of Canada established
1870 Franco-German War began, July 19.
1870 Capitulation of French at Sedan, Sept. 1.
1870 Rome became the capital of Italy.
1871 The German Empire re-established.
1871 The Irish Church was disestablished.
1871 The great fire in Chicago, Oct. 8-11.
1872 The great fire in Boston, Nov. 9.
1876 Centennial Exposit'n at Philadelphia
1881 President Garfield shot.
1882 British occupation of Egypt.
1889 Brazil became a Republic.
1893 World's Columbian Exposition at Chicago.
1894 Chinese-Japanese War began.
1895 Cuban Revolution began, Feb. 20.
1897 The Turkish-Greek War.
1898 The Spanish-American War.
1899 Universal Peace Conference.
1899 The South African War.

The French Revolutionary Era.

In September, 1793, the convention decreed that the common era should be abolished in all civil affairs, and that the new French era should begin on September 22, 1792, the day of the true autumnal equinox, and that each succeeding year should begin at the midnight of the day on which the true autumnal equinox falls. The year was divided into twelve months of thirty days each. In ordinary years there were five extra days, from the 17th to the 21st of our September, and at the end of every fourth year was a sixth complimentary day. This reckoning was first used on November 22, 1793, and was continued until December 31, 1805, when it was discontinued, and the Gregorian calendar, used throughout the rest of Europe, was resumed. The following were the dates for the year 1804, the last complete year of this style of reckoning:

Vendemiaire	(Vintage),	September 23 to October 22.	Germinal	(Budding),	March 22 to April 21.
Brumaire	(Foggy),	October 23 to November 22.	Floreal	(Flowery),	April 21 to May 20.
Frimaire	(Sleety),	November 22 to December 21.	Prairial	(Pasture),	May 21 to June 20.
Nivose	(Snowy),	December 22 to January 21.	Messidor	(Harvest),	June 20 to July 19.
Pluviose	(Rainy),	January 21 to February 20.	Thermidor	(Hot),	July 20 to August 19.
Ventose	(Windy),	February 20 to March 19.	Fructidor	(Fruit),	August 19 to September 18.

The months were divided into three decades of ten days each, but to make up the 365 five were added at the end of September: Primidi, dedicated to Virtue; Duodi, to Genius; Tridi, to Labor; Quartidi, to Opinion, and Quintidi, to Rewards. To Leap Year, called Olympic, a sixth day, September 22 or 23, Sextidi, "the day of the Revolution," was added.

To each tenth day, thirty-six in all, were assigned thirty-six "Fetes Decadaires," decreed by the National Convention on the eighteenth Prairial, in honor of the Supreme Being and Nature, the Human Race, the French People, Benefactors of Humanity, Martyrs for Liberty, Liberty and Equality, the Republic, Liberty of the World, Love of Country, Hatred of Tyrants and Traitors, Truth, Justice, Modesty, Glory and Immortality, Friendship, Frugality, Courage, Good Faith, Heroism, Disinterestedness, Stoicism, Love, Conjugal Fidelity, Paternal Love, Maternal Tenderness, Filial Piety, Infancy, Childhood, Manhood, Old Age, Sickness, Agriculture, Industry, Our Ancestors, Our Posterity, Goodness.

1900

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Jan.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
	..	..	..	..	..	..	..
Feb.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	..	..	..
Mar.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
	..	..	..	..	..	..	..
April.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
May.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
	..	..	..	..	..	..	..
June.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
July.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
	..	..	..	..	..	..	..
Aug.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
Sept.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
Oct.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
Nov.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
Dec.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..

1901

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Jan.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
Feb.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	..	..
Mar.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
April.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
May.	..	..	1	2	3	4	
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
	..	..	..	..	..	..	..
June.	..	..	..	..	..	1	
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
July.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
	..	..	..	..	..	..	..
Aug.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
Sept.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
Oct.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
Nov.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
Dec.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..

Anniversaries.

DATES OF HISTORICAL EVENTS CUSTOMARILY OR OCCASIONALLY OBSERVED.

Jan. 1. Emancipation Proclamation by Lincoln, 1863.
Jan. 8. Battle of New Orleans, 1815.
Jan. 17. Franklin born, 1706.
Jan. 17. Battle of the Cowpens, S. C., 1781.
Jan. 18. Daniel Webster born, 1782.
Jan. 19. Robert E. Lee born, 1807.
Jan. 27. German Emperor born, 1859.
Feb. 12. Abraham Lincoln born, 1809.
Feb. 15. Battle-ship Maine blown up, 1898.
Feb. 22. George Washington born, 1732.
Feb. 22-23. Battle of Buena Vista, 1847.
March 5. Boston Massacre, 1770.
March 15. Andrew Jackson born, 1767.
March 18. Grover Cleveland born, 1837.
April 1. Bismarck born, 1815.
April 9. Lee surrendered at Appomattox, 1865.
April 12. Fort Sumter fired upon, 1861.
April 12. Henry Clay born, 1777.
April 13. Thomas Jefferson born, 1743.
April 14. Lincoln assassinated, 1865.
April 19. Primrose Day in England, Lord Beaconsfield died, 1881.
April 19. Battles of Lexington and Concord, 1775.
April 23. Shakespeare born, 1564.
April 27. General Grant born, 1822.
April 30. Washington was inaugurated first President, 1789.
May 1. Dewey destroyed the Spanish fleet at Manila, 1898.
May 13. First English settlement in America, at Jamestown, 1607.
May 13. The Society of the Cincinnati was organized by officers of the Revolutionary Army, 1783.
May 20. Mecklenburg, N. C., Declaration of Independence, 1775.
May 24. Queen Victoria born, 1819.
June 6. General Nathanael Greene born, 1742.
June 15. King John granted Magna Charter at Runnymede, 1215.
June 17. Battle of Bunker Hill, 1775.
June 18. Battle of Waterloo, 1815.
June 28. Battle of Fort Moultrie, Charleston, S. C., 1776.
July 1. Dominion Day in Canada.
July 1-2. General assault on Santiago de Cuba, 1898.
July 1-3. Battle of Gettysburg, 1863.
July 3. Cervera's fleet was destroyed off Santiago, 1898.
July 4. Declaration of Independence, 1776.
July 14. The Bastile was destroyed, 1789.
July 16. Santiago surrendered, 1898.
July 21. Battle of Bull Run, 1861.
Aug. 13. Manila surrendered to the Americans, 1898.
Aug. 16. Battle of Bennington, Vt., 1777.
Sep. 1. Capitulation of Sedan, 1870.
Sep. 8. Battle of Eutaw Springs, S. C., 1781.
Sep. 10. Battle of Lake Erie, Perry's victory, 1813.
Sep. 11. Battle of Lake Champlain, McDonough's victory, 1814.
Sep. 13. Battle of Chapultepec, 1847.
Sep. 14. City of Mexico taken by the U. S. troops, 1847.
Sep. 17. Battle of Antietam, 1862.
Sep. 19-20. Battle of Chickamauga, 1863.
Sep. 20. Italians occupied Rome, 1870.
Oct. 7. Battle of King's Mountain, N. C., 1780.
Oct. 8-11. Great fire of Chicago, 1871.
Oct. 12. Columbus discovered America, 1492.
Oct. 17. Burgoyne surrendered at Saratoga, 1777.
Oct. 19. Cornwallis surrendered at Yorktown, 1781.
Nov. 5. Guy Fawkes Day in England. The Gunpowder Plot discovered, 1604.
Nov. 9. Great fire of Boston, 1872.
Nov. 10. Martin Luther born, 1483.
Nov. 25. British evacuated New York, 1783.
Dec. 2. Battle of Austerlitz, 1805.
Dec. 14. Washington died, 1799.
Dec. 16. Boston "Tea Party," 1773.
Dec. 16. The great fire in New York, 1835.
Dec. 22. Mayflower pilgrims landed at Plymouth Rock, 1620.
Dec. 25-26. Battle of Trenton, N. J., 1776.
Dec. 29. William Ewart Gladstone born, 1809.

Ready Reference Calendar.—1.

For ascertaining the Day of the Week for any given Time from the Beginning of the Christian Era to the Year 2200.

TABLE OF CENTURIES

G	F	E	D	C	B	A
A	G	F	E	D	C	B
B	A	G	F	E	D	C
C	B	A	G	F	E	D
D	C	B	A	G	F	E
E	D	C	B	A	G	F
F	E	D	C	B	A	G

Figures below for the Gregorian New Style. Refer to the letters above.

	15	16		17		18
	19	20		21		22

Figures below for the Julian Old Style. Refer to the letters above.

				0	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20			

TABLE OF YEARS.

	05	11	16	22		33	39	44	50		61	67	72	78		89	95
00	06		17	23	28	34		45	51	56	62		73	79	84	90	
01	07	12	18		29	35	40	46		57	63	68	74		85	91	96
02		13	19	24	30		41	47	52	58		69	75	80	86		97
03	08	14		25	31	36	42		53	59	64	70		81	87	92	98
	09	15	20	26		37	43	48	54		65	71	76	82		93	99
04	10		21	27	32	38		49	55	60	66		77	83	88	94	

DIRECTIONS.—1. In the Table of Centuries find the first two figures of the year desired, and in the Table of Years find the last two figures of that year The letter at the intersection of the columns of the two tables is the *Year Letter.* 2. Under the Year Letter in the Table of Months find the *Key Figure* opposite the month desired. 3. The day of the week desired can then be found in the Table of Days at the intersection of the columns of the Key Figure and the day of the month.*

TABLE OF MONTHS.

		A	B	C	D	E	F	G
Leap Year.	Jan.	2	3	4	5	6	7	1
	Feb.	5	6	7	1	2	3	4
	Jan.	3	4	5	6	7	1	2
	Feb.	6	7	1	2	3	4	5
	Mar.	6	7	1	2	3	4	5
	Apr.	2	3	4	5	6	7	1
	May	4	5	6	7	1	2	3
	June	7	1	2	3	4	5	6
	July	2	3	4	5	6	7	1
	Aug.	5	6	7	1	2	3	4
	Sept.	1	2	3	4	5	6	7
	Oct.	3	4	5	6	7	1	2
	Nov.	6		1	2	3	4	5
	Dec.	1	2	3	4	5	6	7

TABLE OF DAYS.

Key Figure.							
1	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
2	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
3	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.	Mon.
4	Wed.	Thu.	Fri.	Sat.	Sun.	Mon.	Tue.
5	Thu.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.
6	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thu.
7	Sat.	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				

*EXAMPLE.—To find the day of the week on which July 4, 1901, falls: Find 19 in the Table of Centuries and 01 in the Table of Years. The Year Letter at the intersection of their columns is A. In the Table of Months the key figure at the intersection of the A and July columns is 2. In the Table of Days the day of the week at the intersection of the key figure (2) and day of the month (4th) columns is Thursday, which gives the information desired.

LEAP YEARS.—For Leap Years use January and February at the top of the Table of Months opposite the words "Leap Year." In the Table of Years leap years are underlined. Years ending in 00 in Old Style dates are leap years; in New Style dates only when the Year Letter is F.

Ready Reference Calendar.—2.

For ascertaining any Day of the Week for any given Time within Two Hundred Years from the introduction of the New Style, 1753, *to* 1952 *inclusive.*

YEARS 1753 TO 1952.

								Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1753g 1754d	1781g 1782d	1800e 1801a	1828q 1829a	1856q 1857a	1884q 1885a	1900g 1901d	1928h 1829d	a	4	7	7	3	5	1	3	6	2	4	7	2
1755e 1756p	1783e 1784p	1802b 1803c	1830b 1831c	1858b 1859c	1886b 1887c	1902e 1903a	1930e 1931a	b	5	1	1	4	6	2	4	7	3	5	1	3
1757c 1758f	1785c 1786f	1804h 1805d	1832h 1833d	1860h 1861d	1888h 1889d	1904k 1905f	1932k 1933f	c	6	2	2	5	7	3	5	1	4	6	2	4
1759g 1760q	1787g 1788q	1806e 1807a	1834e 1835a	1862e 1863a	1890e 1891a	1906g 1907d	1934g 1935d	d	2	5	5	1	3	6	1	4	7	2	5	7
1761a 1762b	1789a 1790b	1808k 1809f	1836k 1837f	1864k 1865f	1892k 1893f	19081 1909b	19361 1937b	e	3	6	6	2	4	7	2	5	1	3	6	1
1763c 1764h	1791c 1792h	1810g 1811d	1838g 1839d	1866g 1867d	1894g 1895d	1910c 1911f	1938c 1939f	f	7	3	3	6	1	4	6	2	5	7	3	5
1765d 1766e	1793d 1794e	18121 1813b	18401 1841b	18681 1869b	18961 1897b	1912m 1913e	1940m 1941e	g	1	4	4	7	2	5	7	3	6	1	4	6
1767a 1768k	1795a 1796k	1814c 1815f	1842c 1843f	1870c 1871f	1898c 1899f	1914a 1915b	1942a 1943b	h	7	3	4	7	2	5	7	3	6	1	4	6
1769f 1770g	1797f 1798g	1816m 1817e	1844m 1845e	1872m 1873e		1916n 1917g	1944n 1945g	k	5	1	2	5	7	3	5	1	4	6	2	4
1771d 17721	1799d	1818a 1819b	1846a 1847b	1874a 1875b		1918d 1919e	1946d 1947e	l	3	6	7	3	5	1	3	6	2	4	7	2
1773b 1774c		1820n 1821g	1848n 1849g	1876n 1877g		1920p 1921c	1948p 1949c	m	1	4	5	1	3	6	1	4	7	2	5	7
1775f 1776m		1822d 1823e	1850d 1851e	1878d 1879e		1922f 1923g	1950f 1951g	n	6	2	3	6	1	4	6	2	5	7	3	5
1777e 1778a		1824p 1825c	1852p 1853c	1880p 1881c		1924q 1925a	1952q	p	4	7	1	4	6	2	4	7	3	5	1	3
1779b 1780n		1826f 1827g	1854f 1855g	1882f 1883g		1926b 1927c		q	2	5	6	2	4	7	2	5	1	3	6	1

NOTE.—The letters in the list of "*Years* from 1753 to 1952," refer to the table headed with the *Months*, the figures in which refer to the same figures at the head of the table of *Days*. For example: To know on what day July 4, 1900, will fall look for 1900 in the table of *Years*. The letter g is attached. Look for the same letter in the table of *Months* and in a parallel line under July is the figure 7, which directs to column 7 in the table of *Days* below, in which it will be seen that July 4 falls on Wednesday.

This improved calendar was made for THE WORLD A-MANAC by Arthur Cunningham, of Columbus, O.

TABLE OF DAYS.

1	2	3	4	5	6	7
Monday 1	Tuesday 1	Wednesday 1	Thursday 1	Friday 1	Saturday 1	SUNDAY 1
Tuesday 2	Wednesday 2	Thursday 2	Friday 2	Saturday 2	SUNDAY 2	Monday 2
Wednesday 3	Thursday 3	Friday 3	Saturday 3	SUNDAY 3	Monday 3	Tuesday 3
Thursday 4	Friday 4	Saturday 4	SUNDAY 4	Monday 4	Tuesday 4	Wednesday 4
Friday 5	Saturday 5	SUNDAY 5	Monday 5	Tuesday 5	Wednesday 5	Thursday 5
Saturday 6	SUNDAY 6	Monday 6	Tuesday 6	Wednesday 6	Thursday 6	Friday 6
SUNDAY 7	Monday 7	Tuesday 7	Wednesday 7	Thursday 7	Friday 7	Saturday 7
Monday 8	Tuesday 8	Wednesday 8	Thursday 8	Friday 8	Saturday 8	SUNDAY 8
Tuesday 9	Wednesd. 9	Thursday 9	Friday 9	Saturday 9	SUNDAY 9	Monday 9
Wednesd. 10	Thursday 10	Friday 10	Saturday 10	SUNDAY 10	Monday 10	Tuesday 10
Thursday 11	Friday 11	Saturday 11	SUNDAY 11	Monday 11	Tuesday 11	Wednesd. 11
Friday 12	Saturday 12	SUNDAY 12	Monday 12	Tuesday 12	Wednesd. 12	Thursday 12
Saturday 13	SUNDAY 13	Monday 13	Tuesday 13	Wednesd. 13	Thursday 13	Friday 13
SUNDAY 14	Monday 14	Tuesday 14	Wednesd. 14	Thursday 14	Friday 14	Saturday 14
Monday 15	Tuesday 15	Wednesd. 15	Thursday 15	Friday 15	Saturday 15	SUNDAY 15
Tuesday 16	Wednesd. 16	Thursday 16	Friday 16	Saturday 16	SUNDAY 16	Monday 16
Wednesd. 17	Thursday 17	Friday 17	Saturday 17	SUNDAY 17	Monday 17	Tuesday 17
Thursday 18	Friday 18	Saturday 18	SUNDAY 18	Monday 18	Tuesday 18	Wednesd. 18
Friday 19	Saturday 19	SUNDAY 19	Monday 19	Tuesday 19	Wednesd. 19	Thursday 19
Saturday 20	SUNDAY 20	Monday 20	Tuesday 20	Wednesd 20	Thursday 20	Friday 20
SUNDAY 21	Monday 21	Tuesday 21	Wednesd. 21	Thursday 21	Friday 21	Saturday 21
Monday 22	Tuesday 22	Wednesd. 22	Thursday 22	Friday 22	Saturday 22	SUNDAY 22
Tuesday 23	Wednesd. 23	Thursday 23	Friday 23	Saturday 23	SUNDAY 23	Monday 23
Wednesd. 24	Thursday 24	Friday 24	Saturday 24	SUNDAY 24	Monday 24	Tuesday 24
Thursday 25	Friday 25	Saturday 25	SUNDAY 25	Monday 25	Tuesday 25	Wednesd. 25
Friday 26	Saturday 26	SUNDAY 26	Monday 26	Tuesday 26	Wednesd. 26	Thursday 26
Saturday 27	SUNDAY 27	Monday 27	Tuesday 27	Wednesd. 27	Thursday 27	Friday 27
SUNDAY 28	Monday 28	Tuesday 28	Wednesd. 28	Thursday 28	Friday 28	Saturday 28
Monday 29	Tuesday 29	Wednesd. 29	Thursday 29	Friday 29	Saturday 29	SUNDAY 29
Tuesday 30	Wednesd. 30	Thursday 30	Friday 30	Saturday 30	SUNDAY 30	Monday 30
Wednesd. 31	Thursday 31	Friday 31	Saturday 31	SUNDAY 31	Monday 31	Tuesday 31

Ritualistic Calendar.

COLORS FOR THE ALTAR IN USE IN RITUALISTIC EPISCOPAL CHURCHES IN THE UNITED STATES.

White.—From the First Service (First Vespers) of Christmas Day to the Octave of Epiphany, inclusive (except on the Feasts of Martyrs); on Maundy Thursday (for the celebration); from the First Service of Easter Day to the Vigil of Pentecost (except on Feasts of Martyrs and Rogation Days); on Trinity Sunday, Conversion of St. Paul, Purification, Annunciation, St. John Baptist, St. Michael, St. Luke, All Saints, Saints who are not Martyrs, and Patron Saints (Transfiguration and Dedication of Church).

Red.—From First Vespers of Pentecost to the First Vespers of Trinity Sunday (which includes Ember Days), Holy Innocents (if on a Sunday), and Feasts of all Martyrs.

Violet.—From Septuagesima to Maundy Thursday (Easter Eve); Advent Sunday to Christmas Eve; Vigils, Ember Days (except in Whitsun Week), and Rogation Days; Holy Innocents (unless on Sunday). *Black.*—Good Friday and at funerals. *Green.*—All other days.

These regulations as to colors are general. A more minute code changing with each year is published in the church almanacs.

MARRIAGES should not be celebrated from Advent Sunday till eight days after Epiphany; Septuagesima till eight days after Easter; Rogation till Trinity Sunday.

Jewish Calendar, 1900.

NEW MOON, FASTS, FEASTS, ETC.				NEW MOON, FASTS, FEASTS, ETC.			
5660.			1900.	5661.			1900.
Sebat	1	New Moon	Jan. 1	Tisri	1	New Moon (New Year)	Sept. 24
Adar	1	"	" 31	"	3	Fast of Guadaliah	" 26
"	14	Purim	Feb. 13	"	10	" Expiation	Oct. 3
Veadar	1	New Moon	March 2	"	15	Feast of Tabernacles	" 8
Nisan	1	"	" 31	"	22	" Eighth Day	" 15
"	15	Passover	April 14	"	23	" Rejoicing with the Law	" 16
Yiar	1	New Moon	" 30	Hesvan	1	New Moon	" 24
"	14	Second Passover	May 13	Kislev	1	"	Nov. 23
Sivan	1	New Moon	" 29	"	25	Dedication of the Temple	Dec. 17
"	6	Pentecost	June 3	Tebet	1	New Moon	" 23
Tamuz	1	New Moon	" 28				1901.
"	17	Fast of Tamuz	July 14				
Ab	1	New Moon	" 27	"	10	Fast of Tebet	Jan. 1
"	9	Fast of Ab (Destruction of Jerusalem)	Aug. 4	Sebat	1	New Moon	" 21
Elul	1	New Moon	" 26				

The year 5660 is an embolismic common year of 384 days, and the year 5661 is an ordinary perfect year of 355 days.

Mohammedan Calendar, 1900.

YEAR.	Names of Months.	Month Begins.	YEAR.	Names of Months.	Month Begins.
1317...	Ramadan (Month of Abstinence)	Jan. 3, 1900	1318...	Muharram (New Year)	May 1, 1900
" ...	Schawall	Feb. 2, "	" ...	Saphar	" 31, "
" ...	Dulkaada	Mar. 3, "	" ...	Rabia I	June 29, "
" ...	Dulheggee	April 2, "	" ...	" II	July 29, "
			" ...	Jomadhi I	Aug. 27, "
			" ...	" II	Sept. 26, "
			" ...	Rajab	Oct. 25, "
			" ..	Shabaan	Nov. 24, "
			" ..	Ramadan	Dec. 23, "

Greek Church and Russian Calendar, 1900.

A. D. 1900, A. M. 8009.

NEW STYLE.		Holy Days.	Old Style.	NEW STYLE.		Holy Days.	Old Style.
Jan.	13	Circumcision	Jan. 1	June	6	Holy Ghost	May 25
"	18	Theophany (Epiphany)	" 6	July	11	Peter and Paul, Chief Apostles	June 29
Feb.	14	Hypapante (Purification)	Feb. 2	Aug.	13	First Day of Fast of Theotokos	Aug. 1
"	25	Carnival Sunday	" 13	"	18	Transfiguration	" 6
"	28	Ash Wednesday	" 16	"	27	Repose of Theotokos	" 15
March	4	First Sunday in Lent	" 20	Sept.	11	St. Alexander Nevsky*	" 30
April	6	Annunciation of Theotokos	March 25	"	20	Nativity of Theotokos	Sept. 8
"	8	Palm Sunday	" 27	"	26	Exaltation of the Cross	" 14
"	13	Great Friday (Good Friday)	April 1	Oct.	13	Patronage of Theotokos	Oct. 1
"	15	Holy Pasch (Easter)	" 3	Nov.	27	First Day of Fast of Nativity	Nov. 15
May	5	St. George	" 23	Dec.	3	Entrance of Theotokos	" 21
"	21	St. Nicholas	May 9	"	20	Conception of Theotokos	Dec. 8
"	24	Ascension Day	" 12	1901.			
"	26	Coronation of the Emperor*	" 14	Jan.	6	Nativity (Christmas)	" 25
June	3	Pentecost (Whit Sunday)	" 22				

*Peculiar to Russia.

The statement has been published that on and after 1901 the Russian Government will abandon the old or Julian style and adopt the Gregorian. At present Russian dates are twelve days behind those now in universal use—a very serious inconvenience in civil and scientific matters, and one which has caused much annoyance and confusion.

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	M	7 30	4 38	sets.	7 25	4 44	sets.	7 19	4 49	sets.	7 4	5 4	sets.
2	Tu	7 30	4 39	6 18	7 25	4 45	6 21	7 19	4 50	6 25	7 4	5 5	6 37
3	W	7 30	4 40	7 33	7 25	4 46	7 36	7 19	4 51	7 39	7 4	5 6	7 47
4	Th	7 30	4 41	8 49	7 25	4 47	8 50	7 19	4 52	8 52	7 4	5 7	8 56
5	Fr	7 30	4 42	10 4	7 25	4 48	10 4	7 19	4 53	10 4	7 4	5 8	10 5
6	Sa	7 30	4 43	11 16	7 25	4 49	11 15	7 19	4 54	11 14	7 4	5 8	11 10
7	S	7 30	4 44	A. M.	7 24	4 50	A. M.	7 19	4 55	A. M.	7 4	5 9	A. M.
8	M	7 30	4 45	12 27	7 24	4 51	12 24	7 19	4 56	12 22	7 4	5 10	12 15
9	Tu	7 30	4 46	1 37	7 24	4 52	1 34	7 18	4 57	1 30	7 4	5 11	1 19
10	W	7 29	4 47	2 45	7 24	4 53	2 41	7 18	4 58	2 36	7 4	5 12	2 22
11	Th	7 29	4 48	3 50	7 23	4 54	3 45	7 18	4 58	3 39	7 4	5 13	3 23
12	Fr	7 29	4 49	4 49	7 23	4 55	4 44	7 18	4 59	4 38	7 4	5 13	4 21
13	Sa	7 28	4 50	5 42	7 23	4 56	5 36	7 18	5 0	5 30	7 4	5 14	5 14
14	S	7 28	4 51	6 27	7 22	4 57	4 22	7 18	5 1	6 17	7 4	5 15	6 1
15	M	7 27	4 52	rises.	7 22	4 58	rises.	7 17	5 2	rises.	7 4	5 16	rises.
16	Tu	7 27	4 54	6 9	7 22	4 59	6 12	7 17	5 3	6 16	7 4	5 17	6 25
17	W	7 26	4 55	7 9	7 21	5 0	7 11	7 17	5 4	7 13	7 3	5 18	7 20
18	Th	7 26	4 56	8 9	7 21	5 1	8 10	7 16	5 5	8 11	7 3	5 19	8 14
19	Fr	7 25	4 57	9 7	7 20	5 3	9 7	7 16	5 6	9 7	7 3	5 20	9 8
20	Sa	7 25	4 59	10 6	7 20	5 4	10 5	7 15	5 7	10 4	7 2	5 21	10 1
21	S	7 24	5 0	11 5	7 19	5 5	11 4	7 14	5 8	11 2	7 2	5 22	10 56
22	M	7 23	5 1	A. M.	7 18	5 6	A. M.	7 14	5 9	A. M.	7 1	5 23	11 51
23	Tu	7 22	5 2	12 6	7 17	5 8	12 3	7 13	5 10	12 0	7 1	5 24	A. M.
24	W	7 21	5 3	1 8	7 16	5 9	1 4	7 12	5 12	1 0	7 0	5 25	12 48
25	Th	7 20	5 5	2 12	7 15	5 10	2 7	7 12	5 13	2 2	7 0	5 26	1 47
26	Fr	7 20	5 6	3 15	7 14	5 11	3 9	7 11	5 14	3 3	7 0	5 27	2 47
27	Sa	7 19	5 7	4 15	7 13	5 12	4 9	7 10	5 15	4 3	6 59	5 28	3 46
28	S	7 18	5 9	5 10	7 13	5 13	5 5	7 10	5 16	4 59	6 58	5 29	4 43
29	M	7 17	5 10	5 59	7 12	5 15	5 55	7 9	5 17	5 50	6 58	5 30	5 35
30	Tu	7 16	5 11	sets.	7 12	5 16	sets.	7 8	5 19	sets.	6 57	5 31	sets.
31	W	7 15	5 13	6 24	7 11	5 17	6 26	7 7	5 20	6 28	6 56	5 32	6 34

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	12 3 46	8	12 6 56	14	12 9 17	20	12 11 15	26	12 12 46
2	12 4 15	9	12 7 21	15	12 9 38	21	12 11 32	27	12 12 58
3	12 4 43	10	12 7 45	16	12 9 59	22	12 11 48	28	12 13 10
4	12 5 10	11	12 8 9	17	12 10 19	23	12 12 4	29	12 13 21
5	12 5 37	12	12 8 32	18	12 10 38	24	12 12 19	30	12 13 31
6	12 6 4	13	12 8 55	19	12 10 57	25	12 12 33	31	12 13 40
7	12 6 30								

TWILIGHT.

Places.	Jan.	Begins, A. M.	Ends, P. M.	Jan.	Begins, A. M.	Ends, P. M.	Jan.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston	1	5 48	6 19	11	5 48	6 28	21	5 46	6 38
New York..	1	5 46	6 21	11	5 46	6 30	21	5 44	6 39
Wash'ton.	1	5 43	6 24	11	5 44	6 32	21	5 42	6 41
Charleston..	1	5 35	6 33	11	5 36	6 40	21	5 30	6 57

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Th	7 14	5 14	7 41	7 10	5 18	7 42	7 6	5 22	7 43	6 56	5 33	7 45
2	Fr	7 13	5 15	8 58	7 9	5 19	8 57	7 5	5 23	8 56	6 55	5 34	8 54
3	Sa	7 11	5 16	10 13	7 7	5 20	10 11	7 4	5 24	10 9	6 54	5 34	10 3
4	S	7 10	5 17	11 26	7 6	5 21	11 23	7 3	5 25	11 19	6 53	5 35	11 10
5	M	7 9	5 18	A. M.	7 5	5 22	A. M.	7 2	5 26	A. M.	6 52	5 36	A. M.
6	Tu	7 8	5 19	12 36	7 4	5 23	12 32	7 1	5 27	12 27	6 51	5 37	12 15
7	W	7 7	5 20	1 42	7 3	5 24	1 38	7 0	5 28	1 32	6 50	5 38	1 17
8	Th	7 6	5 22	2 43	7 2	5 25	2 38	6 59	5 29	2 33	6 49	5 39	2 17
9	Fr	7 5	5 23	3 38	7 1	5 26	3 33	6 58	5 30	3 27	6 48	5 40	3 10
10	Sa	7 4	5 25	4 25	7 0	5 28	4 20	6 57	5 31	4 14	6 47	5 41	3 58
11	S	7 2	5 26	5 5	6 59	5 29	5 1	6 56	5 32	4 56	6 46	5 42	4 42
12	M	7 1	5 27	5 39	6 58	5 30	5 36	6 55	5 33	5 32	6 45	5 43	5 20
13	Tu	6 59	5 29	6 9	6 56	5 31	6 6	6 54	5 34	6 3	6 45	5 44	5 54
14	W	6 58	5 30	rises.	6 55	5 33	rises.	6 53	5 35	rises.	6 44	5 45	rises.
15	Th	6 57	5 31	6 59	6 53	5 34	7 0	6 52	5 36	7 0	6 43	5 46	7 2
16	Fr	6 56	5 33	7 58	6 52	5 36	7 57	6 51	5 38	7 57	6 42	5 47	7 55
17	Sa	6 55	5 34	8 57	6 50	5 37	8 55	6 50	5 39	8 54	6 41	5 48	8 49
18	S	6 54	5 35	9 57	6 49	5 39	9 54	6 49	5 40	9 51	6 40	5 49	9 43
19	M	6 53	5 37	10 57	6 48	5 40	10 54	6 47	5 41	10 50	6 39	5 50	10 39
20	Tu	6 51	5 38	11 59	6 46	5 41	11 55	6 46	5 42	11 50	6 38	5 51	11 36
21	W	6 49	5 40	A. M.	6 45	5 43	A. M.	6 44	5 43	A. M.	6 37	5 52	A. M.
22	Th	6 48	5 41	1 0	6 43	5 44	12 55	6 43	5 45	12 50	6 36	5 52	12 34
23	Fr	6 46	5 43	2 0	6 42	5 45	1 54	6 41	5 46	1 49	6 35	5 53	1 32
24	Sa	6 44	5 45	2 55	6 40	5 47	2 50	6 40	5 47	2 45	6 34	5 54	2 28
25	S	6 42	5 46	3 47	6 39	5 48	3 42	6 38	5 49	3 36	6 33	5 55	3 20
26	M	6 41	5 47	4 31	6 38	5 49	4 27	6 37	5 50	4 22	6 32	5 55	4 10
27	Tu	6 39	5 48	5 11	6 37	5 50	5 7	6 36	5 51	5 4	6 31	5 56	4 54
28	W	6 38	5 49	5 46	6 36	5 51	5 44	6 35	5 52	5 42	6 30	5 57	5 36
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	12 13 49	7	12 14 22	13	12 14 25	19	12 14 2	24	12 13 24
2	12 13 56	8	12 14 24	14	12 14 23	20	12 13 56	25	12 13 15
3	12 14 3	9	12 14 26	15	12 14 20	21	12 13 49	26	12 13 5
4	12 14 9	10	12 14 27	16	12 14 17	22	12 13 41	27	12 12 55
5	12 14 14	11	12 14 27	17	12 14 13	23	12 13 33	28	12 12 44
6	12 14 18	12	12 14 27	18	12 14 8				

TWILIGHT.

Places.	Feb.	Begins, A. M.	Ends, P. M.	Feb.	Begins, A. M.	Ends, P. M.	Feb.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	5 37	6 50	11	5 27	7 1	21	5 14	7 13
New York.	1	5 36	6 51	11	5 27	7 1	21	5 15	7 13
Wash'ton.	1	5 35	6 52	11	5 26	7 2	21	5 15	7 13
Charleston	1	5 30	6 57	11	5 24	7 5	21	5 15	7 13

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M
1	Th	6 37	5 50	sets.	6 35	5 52	sets.	6 34	5 53	sets.	6 29	5 58	sets.
2	Fr	6 36	5 51	7 47	6 34	5 53	7 46	6 33	5 54	7 44	6 28	5 58	7 40
3	Sa	6 35	5 52	9 3	6 33	5 54	9 1	6 32	5 55	8 58	6 27	5 59	8 51
4	S	6 34	5 53	10 18	6 31	5 55	10 12	6 30	5 56	10 11	6 26	6 0	10 9
5	M	6 32	5 54	11 29	6 30	5 56	11 24	6 29	5 57	11 19	6 25	6 1	11 5
6	Tu	6 30	5 55	A. M.	6 29	5 57	A. M.	6 27	5 58	A. M.	6 23	6 2	A. M.
7	W	6 29	5 56	12 34	6 27	5 58	12 29	6 26	5 59	12 24	6 22	6 3	12 8
8	Th	6 27	5 57	1 32	6 25	5 59	1 26	6 24	6 0	1 21	6 21	6 4	1 4
9	Fr	6 25	5 58	2 22	6 24	6 0	2 17	6 23	6 1	2 11	6 20	6 5	1 55
10	Sa	6 23	5 59	3 4	6 22	6 1	3 0	6 21	6 2	2 55	6 18	6 5	2 40
11	S	6 21	6 0	3 40	6 21	6 2	3 36	6 20	6 3	3 32	6 16	6 6	3 20
12	M	6 19	6 1	4 12	6 19	6 3	4 9	6 18	6 4	4 5	6 15	6 7	3 56
13	Tu	6 18	6 3	4 40	6 17	6 4	4 37	6 17	6 5	4 35	6 12	6 8	4 28
14	W	6 16	6 4	5 5	6 15	6 5	5 3	6 15	6 5	5 2	6 11	6 9	4 58
15	Th	6 15	6 5	rises.	6 14	6 6	rises.	6 14	6 6	rises.	6 10	6 10	rises.
16	Fr	6 13	6 6	6 50	6 12	6 7	6 48	6 12	6 7	6 47	6 8	6 10	6 43
17	Sa	6 11	6 7	7 49	6 11	6 8	7 47	6 11	6 8	7 45	6 7	6 11	7 38
18	S	6 9	6 8	8 51	6 9	6 9	8 47	6 9	6 9	8 44	6 6	6 11	8 34
19	M	6 8	6 9	9 51	6 8	6 10	9 47	6 8	6 10	9 43	6 4	6 12	9 30
20	Tu	6 6	6 10	10 52	6 6	6 11	10 47	6 6	6 11	10 42	6 3	6 12	10 27
21	W	6 4	6 11	11 51	6 4	6 12	11 46	6 4	6 12	11 40	6 2	6 13	11 24
22	Th	6 2	6 12	A. M.	6 2	6 13	A. M.	6 2	6 13	A. M.	6 1	6 13	A. M.
23	Fr	6 1	6 13	12 47	6 1	6 14	12 42	6 1	6 14	12 36	6 0	6 14	12 19
24	Sa	5 59	6 14	1 39	5 59	6 15	1 33	5 59	6 15	1 28	5 59	6 15	1 12
25	S	5 57	6 15	2 23	5 58	6 16	2 19	5 58	6 16	2 14	5 58	6 15	2 0
26	M	5 55	6 16	3 4	5 56	6 17	3 0	5 56	6 17	2 57	5 57	6 16	2 45
27	Tu	5 54	6 18	3 40	5 54	6 18	3 37	5 55	6 18	3 35	5 56	6 17	3 27
28	W	5 52	6 19	4 13	5 52	6 19	4 11	5 53	6 19	4 10	5 55	6 17	4 6
29	Th	5 50	6 21	4 45	5 51	6 20	4 45	5 52	6 20	4 45	5 54	6 18	4 44
30	Fr	5 48	6 22	sets.	5 49	6 21	sets.	5 50	6 21	sets.	5 52	6 18	sets.
31	Sa	5 47	6 23	7 49	5 48	6 22	7 46	5 49	6 22	7 43	5 51	6 19	7 34

SUN ON MERIDIAN.

Day of Month.	H. M. S.	Day of Month.	H. M. S.	Day of Month.	H. M. S.	Day of Month.	H. M. S.	Day of Month.	H. M. S.
1	12 12 32	8	12 10 58	14	12 9 22	20	12 7 37	26	12 5 47
2	12 12 20	9	12 10 43	15	12 9 5	21	12 7 19	27	12 5 29
3	12 12 8	10	12 10 28	16	12 8 48	22	12 7 1	28	12 5 11
4	12 11 55	11	12 10 12	17	12 8 31	23	12 6 43	29	12 4 53
5	12 11 41	12	12 9 56	18	12 8 13	24	12 6 24	30	12 4 34
6	12 11 27	13	12 9 39	19	12 7 55	25	12 6 6	31	12 4 16
7	12 11 13								

TWILIGHT.

Places.	Mar.	Begins, A. M.	Ends, P. M.	Mar.	Begins, A. M.	Ends, P. M.	Mar.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	5 2	7 23	11	4 45	7 35	21	4 27	7 47
New York	1	5 3	7 22	11	4 47	7 33	21	4 30	7 45
Wash' ton.	1	5 4	7 21	11	4 49	7 31	21	4 33	7 42
Charleston	1	5 6	7 19	11	4 53	7 27	21	4 40	7 35

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	S	5 45	6 24	9 5	5 46	6 23	9 2	5 47	6 22	8 57	5 50	6 19	8 45
2	M	5 44	6 25	10 16	5 45	6 24	10 11	5 46	6 23	10 6	5 49	6 20	9 50
3	Tu	5 42	6 26	11 19	5 43	6 25	11 14	5 44	6 24	11 9	5 47	6 21	10 52
4	W	5 40	6 27	A. M.	5 41	6 26	A. M.	5 42	6 25	A. M.	5 46	6 21	11 47
5	Th	5 38	6 29	12 14	5 39	6 27	12 9	5 40	6 26	12 3	5 44	6 22	A. M.
6	Fr	5 36	6 30	1 1	5 38	6 28	12 56	5 39	6 27	12 51	5 43	6 23	12 36
7	Sa	5 34	6 31	1 40	5 36	6 29	1 46	5 37	6 28	1 31	5 42	6 23	1 18
8	S	5 33	6 32	2 13	5 35	6 30	2 10	5 36	6 29	2 6	5 41	6 24	1 56
9	M	5 32	6 33	2 42	5 33	6 32	2 40	5 34	6 30	2 37	5 39	6 25	2 29
10	Tu	5 30	6 34	3 8	5 31	6 33	3 6	5 33	6 31	3 5	5 38	6 26	3 0
11	W	5 28	6 36	3 33	5 29	6 34	3 32	5 31	6 32	3 32	5 37	6 26	3 30
12	Th	5 26	6 37	3 56	5 28	6 35	3 57	5 30	6 33	3 57	5 36	6 27	3 58
13	Fr	5 24	6 38	4 21	5 26	6 36	4 22	5 28	6 34	4 23	5 34	6 28	4 28
14	Sa	5 23	6 39	4 47	5 25	6 37	4 49	5 27	6 35	4 51	5 33	6 28	4 59
15	S	5 21	6 40	rises.	5 24	6 38	rises.	5 25	6 36	rises.	5 32	6 29	rises.
16	M	5 20	6 41	8 44	5 22	6 39	8 40	5 24	6 37	8 35	5 31	6 30	8 21
17	Tu	5 18	6 42	9 46	5 21	6 40	9 40	5 22	6 38	9 35	5 29	6 30	9 19
18	W	5 16	6 43	10 43	5 19	6 41	10 37	5 21	6 39	10 33	5 28	6 31	10 15
19	Th	5 15	6 44	11 35	5 17	6 42	11 29	5 19	6 40	11 24	5 27	6 32	11 8
20	Fr	5 13	6 45	A. M.	5 16	6 43	A. M.	5 18	6 41	A. M.	5 26	6 33	11 56
21	Sa	5 12	6 47	12 21	5 14	6 44	12 16	5 17	6 42	12 11	5 25	6 33	A. M.
22	S	5 10	6 48	1 2	5 13	6 45	12 58	5 16	6 43	12 54	5 24	6 34	12 42
23	M	5 8	6 49	1 38	5 11	6 46	1 35	5 14	6 44	1 32	5 23	6 35	1 23
24	Tu	5 7	6 50	2 11	5 10	6 47	2 9	5 13	6 45	2 7	5 22	6 36	2 1
25	W	5 6	6 51	2 42	5 8	6 48	2 41	5 11	6 46	2 41	5 20	6 36	2 39
26	Th	5 4	6 52	3 13	5 7	6 49	3 13	5 10	6 47	3 14	5 19	6 37	3 16
27	Fr	5 2	6 53	3 45	5 5	6 50	3 47	5 9	6 48	3 49	5 18	6 37	3 54
28	Sa	5 1	6 54	4 20	5 4	6 51	4 23	5 8	6 49	4 26	5 17	6 38	4 35
29	S	5 0	6 56	sets.	5 3	6 52	sets.	5 6	6 49	sets.	5 16	6 39	sets.
30	M	4 59	6 57	8 59	5 2	6 53	8 54	5 5	6 50	8 49	5 15	6 41	8 33

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	12 3 58	7	12 2 12	13	12 0 34	19	11 59 7	25	11 57 55
2	12 3 40	8	12 1 55	14	12 0 19	20	11 58 54	26	11 57 45
3	12 3 22	9	12 1 39	15	12 0 4	21	11 58 41	27	11 57 35
4	12 3 5	10	12 1 22	16	11 59 49	22	11 58 29	28	11 57 26
5	12 2 47	11	12 1 6	17	11 59 35	23	11 58 17	29	11 57 17
6	12 2 30	12	12 0 50	18	11 59 21	24	11 58 6	30	11 57 9

TWILIGHT.

Places.	Apr.	Begins, A. M.	Ends, P. M.	Apr.	Begins, A. M.	Ends, P. M.	Apr.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston	1	4 6	8 2	11	3 36	8 16	21	3 25	8 32
New York.	1	4 10	7 58	11	3 50	8 12	21	3 31	8 26
Wash'ton.	1	4 14	7 54	11	3 56	8 7	21	3 37	8 20
Charleston	1	4 24	7 43	11	4 10	7 52	21	3 55	8 2

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Tu	4 57	6 58	10 1	5 0	6 54	9 56	5 4	6 51	9 50	5 14	6 42	9 34
2	W	4 56	6 59	10 52	4 59	6 55	10 48	5 3	6 52	10 42	5 13	6 42	10 26
3	Th	4 54	7 0	11 35	4 58	6 57	11 31	5 1	6 53	11 26	5 12	6 43	11 12
4	Fr	4 53	7 1	A. M.	4 57	6 58	A. M.	5 0	6 54	A. M.	5 11	6 44	A. M.
5	Sa	4 51	7 2	12 12	4 55	6 59	12 8	4 59	6 55	12 4	5 10	6 44	11 52
6	S	4 50	7 3	12 43	4 54	7 0	12 40	4 58	6 56	12 37	5 9	6 45	12 28
7	M	4 49	7 4	1 10	4 53	7 1	1 8	4 57	6 57	1 6	5 8	6 45	1 0
8	Tu	4 48	7 5	1 36	4 52	7 2	1 34	4 56	6 58	1 33	5 8	6 46	1 30
9	W	4 46	7 6	1 59	4 50	7 3	1 59	4 55	6 59	1 59	5 7	6 47	1 59
10	Th	4 45	7 7	2 23	4 49	7 4	2 24	4 54	7 0	2 25	5 6	6 47	2 28
11	Fr	4 44	7 9	2 49	4 48	7 5	2 51	4 53	7 1	2 53	5 5	6 48	2 59
12	Sa	4 43	7 10	3 16	4 47	7 6	3 19	4 52	7 1	3 22	5 4	6 48	3 32
13	S	4 42	7 11	3 48	4 46	7 7	3 52	4 51	7 2	3 55	5 3	6 49	4 7
14	M	4 41	7 12	rises.	4 45	7 8	rises.	4 50	7 3	rises.	5 2	6 50	rises.
15	Tu	4 40	7 13	8 37	4 44	7 9	8 31	4 49	7 4	8 26	5 1	6 51	8 9
16	W	4 39	7 14	9 31	4 43	7 10	9 26	4 48	7 5	9 20	5 0	6 51	9 4
17	Th	4 38	7 15	10 20	4 42	7 11	10 15	4 47	7 6	10 10	5 0	6 52	9 54
18	Fr	4 37	7 16	11 2	4 41	7 12	10 58	4 46	7 7	10 54	4 59	6 53	10 41
19	Sa	4 36	7 17	11 40	4 40	7 13	11 36	4 45	7 8	11 33	4 58	6 54	11 23
20	S	4 35	7 18	A. M.	4 40	7 14	A. M.	4 44	7 9	A. M.	4 58	6 54	A. M.
21	M	4 34	7 19	12 13	4 39	7 14	12 11	4 43	7 9	12 9	4 57	6 55	12 2
22	Tu	4 33	7 20	12 44	4 38	7 15	12 43	4 43	7 10	12 42	4 57	6 56	12 30
23	W	4 32	7 21	1 13	4 37	7 16	1 14	4 42	7 11	1 14	4 56	6 56	1 14
24	Th	4 31	7 22	1 44	4 36	7 17	1 45	4 41	7 12	1 47	4 56	6 57	1 51
25	Fr	4 30	7 23	2 16	4 35	7 18	2 19	4 40	7 13	2 22	4 56	6 58	2 29
26	Sa	4 30	7 24	2 53	4 35	7 19	2 56	4 40	7 14	3 0	4 55	6 58	3 11
27	S	4 29	7 25	3 35	4 34	7 20	3 39	4 39	7 15	3 44	4 55	6 59	3 57
28	M	4 29	7 26	sets.	4 34	7 21	sets.	4 39	7 15	sets.	4 54	7 0	sets.
29	Tu	4 28	7 26	8 41	4 33	7 21	8 36	4 38	7 16	8 30	4 54	7 0	8 14
30	W	4 27	7 27	9 29	4 33	7 22	9 24	4 38	7 17	9 19	4 54	7 1	9 4
31	Th	4 27	7 28	10 8	4 32	7 23	10 4	4 37	7 18	10 0	4 53	7 1	9 47

SUN ON MERIDIAN.

Day of Month.	H. M. S.	Day of Month.	H. M. S.	Day of Month.	H. M. S.	Day of Month.	H. M. S.	Day of Month.	H. M. S.
1	11 57 1	8	11 56 22	14	11 56 11	20	11 56 19	26	11 56 48
2	11 56 54	9	11 56 19	15	11 56 11	21	11 56 23	27	11 56 55
3	11 56 47	10	11 56 16	16	11 56 11	22	11 56 27	28	11 57 2
4	11 56 41	11	11 56 14	17	11 56 12	23	11 56 31	29	11 57 10
5	11 56 36	12	11 56 12	18	11 56 14	24	11 56 36	30	11 57 18
6	11 56 31	13	11 56 11	19	11 56 17	25	11 56 42	31	11 57 26
7	11 56 26								

TWILIGHT.

Places.	May.	Begins, A. M.	Ends, P. M.	May.	Begins, A. M.	Ends, P. M.	May.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston. ...	1	3 6	8 48	11	2 47	9 6	21	2 31	9 22
New York.	1	3 13	8 40	11	2 56	8 56	21	2 42	9 11
Wash'ton.	1	3 21	8 33	11	3 5	8 47	21	2 52	9 0
Charleston	1	3 42	8 21	11	3 30	8 22	21	3 21	8 32

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Fr	4 26	7 29	10 42	4 32	7 24	10 39	4 37	7 19	10 35	4 53	7 2	10 25
2	Sa	4 26	7 30	11 11	4 31	7 24	11 9	4 36	7 19	11 6	4 53	7 3	10 59
3	S	4 25	7 30	11 37	4 30	7 25	11 37	4 36	7 20	11 36	4 53	7 3	11 31
4	M	4 25	7 31	A. M.	4 30	7 26	A. M.	4 36	7 20	A. M.	4 52	7 4	A. M.
5	Tu	4 24	7 32	12 1	4 30	7 27	12 1	4 36	7 21	12 1	4 52	7 4	12 0
6	W	4 24	7 33	12 26	4 29	7 27	12 27	4 35	7 21	12 27	4 52	7 5	12 29
7	Th	4 24	7 33	12 50	4 29	7 28	12 52	4 35	7 22	12 54	4 52	7 5	12 59
8	Fr	4 23	7 34	1 17	4 29	7 28	1 20	4 35	7 23	1 22	4 51	7 6	1 30
9	Sa	4 23	7 35	1 46	4 28	7 29	1 50	4 34	7 23	1 53	4 51	7 6	2 4
10	S	4 23	7 35	2 21	4 28	7 30	2 25	4 34	7 24	2 30	4 51	7 7	2 43
11	M	4 22	7 36	3 1	4 28	7 30	3 6	4 34	7 24	3 11	4 51	7 7	3 26
12	Tu	4 22	7 36	3 50	4 28	7 31	3 55	4 34	7 25	4 1	4 51	7 8	4 17
13	W	4 22	7 37	rises.	4 28	7 31	rises.	4 34	7 25	rises.	4 51	7 8	rises.
14	Th	4 22	7 37	9 1	4 28	7 32	8 57	4 34	7 26	8 52	4 51	7 8	8 38
15	Fr	4 22	7 38	9 40	4 28	7 32	9 37	4 34	7 26	9 33	4 51	7 9	9 22
16	Sa	4 22	7 38	10 15	4 28	7 32	10 13	4 34	7 27	10 10	4 51	7 9	10 3
17	S	4 22	7 38	10 47	4 28	7 33	10 46	4 34	7 27	10 44	4 51	7 9	10 40
18	M	4 22	7 39	11 17	4 28	7 33	11 17	4 34	7 27	11 17	4 51	7 10	11 16
19	Tu	4 22	7 39	11 47	4 28	7 33	11 48	4 34	7 28	11 49	4 52	7 10	11 52
20	W	4 23	7 39	A. M.	4 28	7 33	A. M.	4 34	7 28	A. M.	4 52	7 10	A. M.
21	Th	4 23	7 40	12 19	4 28	7 34	12 21	4 34	7 28	12 23	4 52	7 11	12 29
22	Fr	4 23	7 40	12 52	4 29	7 34	12 55	4 35	7 28	12 59	4 52	7 11	1 9
23	Sa	4 23	7 40	1 33	4 29	7 34	1 37	4 35	7 29	1 41	4 53	7 11	1 54
24	S	4 23	7 40	2 15	4 29	7 35	2 20	4 35	7 29	2 25	4 53	7 11	2 40
25	M	4 24	7 40	3 6	4 30	7 35	3 11	4 35	7 29	3 16	4 53	7 11	3 33
26	Tu	4 24	7 40	4 3	4 30	7 35	4 8	4 36	7 29	4 13	4 53	7 11	4 29
27	W	4 24	7 40	sets.	4 30	7 35	sets.	4 36	7 29	sets.	4 53	7 11	sets.
28	Th	4 25	7 40	8 41	4 30	7 35	8 37	4 36	7 29	8 33	4 54	7 12	8 22
29	Fr	4 25	7 40	9 10	4 31	7 35	9 8	4 36	7 29	9 5	4 54	7 12	8 57
30	Sa	4 25	7 40	9 39	4 31	7 35	9 37	4 37	7 29	9 36	4 54	7 12	9 30

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	11 57 35	7	11 58 35	13	11 59 46	19	12 1 2	25	12 2 20
2	11 57 44	8	11 58 46	14	11 59 58	20	12 1 15	26	12 2 33
3	11 57 54	9	11 58 58	15	12 0 11	21	12 1 28	27	12 2 45
4	11 58 4	10	11 59 10	16	12 0 23	22	12 1 41	28	12 2 58
5	11 58 14	11	11 59 21	17	12 0 36	23	12 1 54	29	12 3 10
6	11 58 24	12	11 59 33	18	12 0 49	24	12 2 7	30	12 3 22

TWILIGHT.

Places.	June.	Begins, A. M.	Ends, P. M.	June.	Begins, A. M.	Ends, P. M.	June.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	2 17	9 38	11	2 9	9 51	21	2 8	9 55
New York..	1	2 29	9 26	11	2 23	9 37	21	2 22	9 41
Wash' ton..	1	2 41	9 14	11	2 36	9 24	21	2 35	9 28
Charleston.	1	3 13	8 43	11	3 9	8 51	21	3 9	8 54

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	S	4 26	7 40	10 4	4 32	7 35	10 4	4 37	7 29	10 3	4 54	7 12	10 1
2	M	4 26	7 40	10 28	4 32	7 35	10 29	4 38	7 29	10 29	4 55	7 12	10 30
3	Tu	4 27	7 40	10 53	4 33	7 35	10 54	4 38	7 29	10 55	4 55	7 12	10 59
4	W	4 27	7 40	11 18	4 33	7 34	11 21	4 39	7 29	11 23	4 56	7 12	11 29
5	Th	4 28	7 40	11 46	4 34	7 34	11 49	4 39	7 29	11 52	4 56	7 12	A. M.
6	Fr	4 29	7 40	A. M.	4 34	7 34	A. M.	4 40	7 28	A. M.	4 57	7 11	12 2
7	Sa	4 29	7 39	12 18	4 35	7 34	12 22	4 40	7 28	12 26	4 57	7 11	12 38
8	S	4 30	7 39	12 54	4 36	7 33	12 59	4 41	7 28	1 4	4 58	7 11	1 19
9	M	4 30	7 38	1 38	4 37	7 33	1 44	4 42	7 27	1 49	4 58	7 11	2 5
10	Tu	4 31	7 38	2 31	4 37	7 33	2 36	4 42	7 27	2 42	4 59	7 11	2 58
11	W	4 32	7 38	3 31	4 38	7 32	3 37	4 43	7 27	3 42	4 59	7 10	3 58
12	Th	4 33	7 37	rises.	4 38	7 32	rises.	4 44	7 26	rises.	5 0	7 10	rises.
13	Fr	4 33	7 37	8 17	4 39	7 32	8 14	4 44	7 26	8 10	5 0	7 10	8 1
14	Sa	4 34	7 36	8 48	4 40	7 31	8 47	4 45	7 25	8 45	5 1	7 9	8 39
15	S	4 35	7 35	9 20	4 40	7 31	9 20	4 46	7 25	9 19	5 1	7 9	9 17
16	M	4 36	7 35	9 51	4 41	7 30	9 51	4 46	7 24	9 52	5 2	7 9	9 54
17	Tu	4 36	7 34	10 22	4 42	7 29	10 24	4 47	7 24	10 26	5 3	7 8	10 31
18	W	4 37	7 34	10 55	4 43	7 29	10 58	4 48	7 23	11 1	5 3	7 8	11 10
19	Th	4 38	7 33	11 32	4 43	7 28	11 36	4 49	7 23	11 40	5 4	7 7	11 52
20	Fr	4 39	7 32	A. M.	4 44	7 27	A. M.	4 49	7 22	A. M.	5 5	7 7	A. M.
21	Sa	4 40	7 31	12 14	4 45	7 27	12 18	4 50	7 21	12 23	5 5	7 6	12 38
22	S	4 41	7 30	1 1	4 46	7 26	1 6	4 51	7 20	1 12	5 6	7 6	1 27
23	M	4 42	7 29	1 55	4 47	7 25	2 0	4 52	7 19	2 5	5 7	7 5	2 22
24	Tu	4 43	7 29	2 53	4 48	7 24	2 58	4 53	7 19	3 3	5 7	7 5	3 9
25	W	4 44	7 28	3 54	4 49	7 23	3 59	4 53	7 18	4 4	5 8	7 4	4 17
26	Th	4 45	7 27	sets.	4 49	7 22	sets.	4 54	7 18	sets.	5 9	7 4	sets.
27	Fr	4 46	7 26	7 42	4 50	7 22	7 40	4 55	7 17	7 37	5 9	7 3	7 31
28	Sa	4 47	7 25	8 7	4 51	7 21	8 6	4 56	7 16	8 5	5 10	7 2	8 2
29	S	4 48	7 24	8 32	4 52	7 20	8 32	4 57	7 15	8 32	5 10	7 2	8 31
30	M	4 49	7 23	8 57	4 53	7 19	8 58	4 58	7 14	8 58	5 11	7 1	9 1
31	Tu	4 50	7 22	9 21	4 54	7 18	9 23	4 59	7 13	9 25	5 12	7 0	9 30

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	12 3 34	8	12 4 47	14	12 5 35	20	12 6 6	26	12 6 17
2	12 3 45	9	12 4 56	15	12 5 42	21	12 6 9	27	12 6 17
3	12 3 56	10	12 5 5	16	12 5 47	22	12 6 12	28	12 6 16
4	12 4 7	11	12 5 13	17	12 5 53	23	12 6 14	29	12 6 15
5	12 4 18	12	12 5 21	18	12 5 58	24	12 6 16	30	12 6 13
6	12 4 28	13	12 5 28	19	12 6 2	25	12 6 17	31	12 6 11
7	12 4 38								

TWILIGHT.

Places.	July.	Begins, A. M.	Ends, P. M.	July.	Begins, A. M.	Ends, P. M.	July.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	2 14	9 54	11	2 24	9 45	21	2 39	9 34
New York.	1	2 27	9 40	11	2 37	9 34	21	2 49	9 23
Wash'ton..	1	2 40	9 27	11	2 49	9 22	21	3 0	9 12
Charleston.	1	3 13	8 54	11	3 20	8 50	21	3 29	8 43

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	W	4 51	7 21	9 48	4 55	7 17	9 50	5 0	7 12	9 53	5 12	6 59	10 2
2	Th	4 52	7 20	10 17	4 56	7 16	10 21	5 0	7 11	10 24	5 13	6 58	10 36
3	Fr	4 53	7 19	10 51	4 57	7 15	10 55	5 1	7 10	11 0	5 14	6 57	11 14
4	Sa	4 54	7 17	11 31	4 58	7 14	11 36	5 2	7 9	11 41	5 15	6 57	11 56
5	S	4 55	7 16	A. M.	4 59	7 12	A. M.	5 3	7 8	A. M.	5 15	6 56	A. M.
6	M	4 56	7 15	12 18	5 0	7 11	12 23	5 4	7 7	12 29	5 16	6 55	12 45
7	Tu	4 57	7 14	1 14	5 1	7 10	1 19	5 5	7 6	1 25	5 17	6 54	1 41
8	W	4 58	7 12	2 17	5 2	7 9	2 22	5 5	7 5	2 28	5 17	6 53	2 35
9	Th	4 59	7 11	3 27	5 3	7 8	3 31	5 6	7 4	3 36	5 18	6 52	3 48
10	Fr	5 0	7 10	rises.	5 4	7 7	rises.	5 7	7 2	rises.	5 19	6 51	rises.
11	Sa	5 1	7 8	7 19	5 5	7 6	7 18	5 8	7 1	7 17	5 19	6 50	7 13
12	S	5 2	7 7	7 51	5 5	7 4	7 51	5 9	7 0	7 52	5 20	6 49	7 52
13	M	5 3	7 6	8 23	5 6	7 3	8 25	5 10	6 59	8 26	5 21	6 48	8 30
14	Tu	5 4	7 4	8 57	5 7	7 2	8 59	5 11	6 58	9 2	5 21	6 47	9 9
15	W	5 5	7 3	9 33	5 8	7 1	9 37	5 12	6 56	9 41	5 22	6 46	9 51
16	Th	5 6	7 1	10 14	5 9	7 0	10 18	5 13	6 55	10 23	5 23	6 45	10 37
17	Fr	5 7	7 0	11 0	5 10	6 58	11 5	5 14	6 54	11 10	5 24	6 44	11 25
18	Sa	5 8	6 59	11 52	5 11	6 57	11 57	5 15	6 52	A. M.	5 24	6 43	A. M.
19	S	5 9	6 58	A. M.	5 12	6 55	A. M.	5 16	6 51	12 2	5 25	6 42	12 18
20	M	5 10	6 56	12 48	5 13	6 54	12 53	5 16	6 50	1 0	5 26	6 41	1 14
21	Tu	5 11	6 54	1 48	5 14	6 53	1 53	5 17	6 49	1 57	5 26	6 40	2 12
22	W	5 12	6 52	2 49	5 15	6 51	2 53	5 18	6 47	2 57	5 27	6 39	3 9
23	Th	5 13	6 51	3 51	5 16	6 50	3 54	5 19	6 45	3 57	5 27	6 37	4 6
24	Fr	5 14	6 50	4 51	5 17	6 48	4 54	5 20	6 44	4 55	5 28	6 36	5 1
25	Sa	5 15	6 49	sets.	5 18	6 47	sets.	5 21	6 43	sets.	5 29	6 35	sets.
26	S	5 16	6 48	7 0	5 19	6 45	7 1	5 22	6 41	7 1	5 30	6 34	7 3
27	M	5 17	6 46	7 25	5 20	6 44	7 27	5 23	6 40	7 28	5 30	6 32	7 33
28	Tu	5 18	6 44	7 52	5 21	6 42	7 54	5 24	6 39	7 56	5 31	6 31	8 4
29	W	5 19	6 43	8 20	5 22	6 41	8 23	5 25	6 37	8 26	5 32	6 30	8 36
30	Th	5 20	6 41	8 51	5 23	6 39	8 55	5 25	6 35	9 0	5 32	6 29	9 12
31	Fr	5 21	6 39	9 28	5 24	6 37	9 33	5 26	6 34	9 39	5 33	6 27	9 52

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	12 6 7	8	12 5 27	14	12 4 31	20	12 3 15	26	12 1 42
2	12 6 3	9	12 5 20	15	12 4 19	21	12 3 1	27	12 1 26
3	12 5 59	10	12 5 11	16	12 4 7	22	12 2 46	28	12 1 8
4	12 5 54	11	12 5 2	17	12 3 55	23	12 2 31	29	12 0 51
5	12 5 48	12	12 4 52	18	12 3 42	24	12 2 15	30	12 0 33
6	12 5 42	13	12 4 42	19	12 3 29	25	12 1 59	31	12 0 14
7	12 5 35								

TWILIGHT.

Places.	Aug.	Begins, A. M.	Ends, P. M.	Aug.	Begins, A. M.	Ends, P. M.	Aug.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	2 57	9 16	11	3 13	8 57	21	3 29	8 37
New York.	1	3 6	9 6	11	3 22	8 48	21	3 35	8 31
Wash'ton.	1	3 15	8 57	11	3 29	8 41	21	3 41	8 24
Charleston.	1	3 40	8 32	11	3 50	8 20	21	3 59	8 7

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Sa	5 23	6 37	10 11	5 25	6 35	10 16	5 27	6 33	10 22	5 34	6 26	10 38
2	S	5 24	6 36	11 2	5 26	6 33	11 7	5 28	6 31	11 13	5 34	6 25	11 29
3	M	5 25	6 34	A. M.	5 27	6 32	A. M.	5 29	6 29	A. M.	5 35	6 24	A. M.
4	Tu	5 26	6 33	12 0	5 28	6 30	12 5	5 30	6 27	12 10	5 35	6 22	12 26
5	W	5 27	6 31	1 5	5 29	6 29	1 10	5 31	6 26	1 16	5 36	6 21	1 28
6	Th	5 28	6 29	2 15	5 30	6 27	2 19	5 32	6 24	2 23	5 37	6 20	2 34
7	Fr	5 29	6 27	3 30	5 31	6 25	3 32	5 33	6 23	3 35	5 37	6 19	3 42
8	Sa	5 30	6 25	4 46	5 32	6 23	4 47	5 34	6 21	4 48	5 38	6 17	4 53
9	S	5 32	6 23	rises.	5 33	6 21	rises.	5 34	6 20	rises.	5 39	6 16	rises.
10	M	5 33	6 21	6 54	5 34	6 19	6 56	5 35	6 18	6 58	5 39	6 14	7 4
11	Tu	5 34	6 19	7 31	5 35	6 18	7 34	5 36	6 17	7 37	5 40	6 13	7 46
12	W	5 35	6 18	8 11	5 36	6 16	8 15	5 37	6 16	8 19	5 41	6 12	8 32
13	Th	5 36	6 16	8 57	5 37	6 15	9 1	5 38	6 15	9 6	5 41	6 11	9 21
14	Fr	5 37	6 14	9 46	5 38	6 14	9 53	5 39	6 14	9 58	5 42	6 9	10 14
15	Sa	5 38	6 12	10 44	5 39	6 11	10 49	5 40	6 12	10 54	5 43	6 8	11 10
16	S	5 39	6 10	11 43	5 40	6 9	11 47	5 41	6 11	11 52	5 43	6 6	A. M.
17	M	5 40	6 9	A. M.	5 41	6 8	A. M.	5 42	6 9	A. M.	5 44	6 5	12 7
18	Tu	5 41	6 7	12 44	5 42	6 6	12 48	5 43	6 7	12 52	5 45	6 4	1 4
19	W	5 42	6 5	1 45	5 43	6 5	1 48	5 43	6 6	1 51	5 45	6 3	2 1
20	Th	5 43	6 3	2 45	5 44	6 3	2 47	5 44	6 4	2 50	5 46	6 1	2 57
21	Fr	5 44	6 2	3 45	5 45	6 1	3 46	5 45	6 2	3 47	5 46	6 0	3 51
22	Sa	5 45	6 0	4 43	5 46	5 59	4 43	5 46	6 0	4 44	5 47	5 58	4 45
23	S	5 47	5 58	sets.	5 47	5 58	sets.	5 47	5 58	sets	5 47	5 57	sets.
24	M	5 48	5 56	5 56	5 48	5 56	5 58	5 48	5 57	6 0	5 48	5 56	6 6
25	Tu	5 49	5 54	6 23	5 49	5 55	6 26	5 49	5 55	6 29	5 49	5 55	6 38
26	W	5 50	5 52	6 54	5 50	5 53	6 58	5 50	5 53	7 2	5 50	5 53	7 13
27	Th	5 51	5 51	7 29	5 51	5 51	7 33	5 51	5 51	7 38	5 50	5 52	7 52
28	Fr	5 52	5 49	8 9	5 52	5 49	8 14	5 52	5 50	8 20	5 51	5 50	8 35
29	Sa	5 53	5 47	8 56	5 53	5 48	9 2	5 52	5 49	9 7	5 51	5 49	9 23
30	S	5 54	5 45	9 50	5 54	5 46	9 55	5 53	5 47	10 1	5 52	5 48	10 17

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	11 59 56	7	11 57 58	13	11 55 53	19	11 53 46	25	11 51 41
2	11 59 37	8	11 57 38	14	11 55 32	20	11 53 25	26	11 51 21
3	11 59 18	9	11 57 17	15	11 55 11	21	11 53 4	27	11 51 0
4	11 58 58	10	11 56 56	16	11 54 50	22	11 52 43	28	11 50 40
5	11 58 38	11	11 56 35	17	11 54 28	23	11 52 22	29	11 50 21
6	11 58 18	12	11 56 14	18	11 54 7	24	11 52 1	30	11 50 1

TWILIGHT.

Places.	Sept.	Begins, A. M.	Ends, P. M.	Sept.	Begins, A. M.	Ends, P. M.	Sept.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	3 45	8 14	11	3 59	7 54	21	4 12	7 34
New York.	1	3 50	8 9	11	4 3	7 50	21	4 15	7 31
Wash'ton.	1	3 55	8 4	11	4 7	7 46	21	4 18	7 28
Charleston	1	4 9	7 51	11	4 17	7 36	21	4 20	7 20

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	M	5 55	5 44	10 50	5 55	5 44	10 55	5 54	5 45	11 0	5 53	5 47	11 15
2	Tu	5 56	5 42	11 56	5 56	5 42	A. M.	5 55	5 44	A. M.	5 54	5 45	A. M.
3	W	5 57	5 40	A. M.	5 57	5 41	12 1	5 56	5 42	12 4	5 54	5 44	12 17
4	Th	5 58	5 38	1 6	5 58	5 39	1 9	5 57	5 40	1 12	5 55	5 42	1 22
5	Fr	6 0	5 37	2 19	5 59	5 38	2 21	5 58	5 39	2 23	5 56	5 41	2 29
6	Sa	6 1	5 35	3 34	6 0	5 36	3 35	5 59	5 37	3 35	5 57	5 40	3 36
7	S	6 2	5 34	4 50	6 1	5 35	4 50	6 0	5 36	4 49	5 57	5 39	4 48
8	M	6 3	5 33	rises.	6 2	5 33	rises.	6 1	5 34	rises.	5 58	5 37	rises.
9	Tu	6 4	5 31	6 2	6 3	5 31	6 5	6 2	5 33	6 9	5 59	5 36	6 20
10	W	6 5	5 29	6 48	6 4	5 29	6 52	6 3	5 31	6 56	6 0	5 35	7 10
11	Th	6 6	5 28	7 39	6 5	5 28	7 44	6 4	5 30	7 49	6 0	5 34	8 4
12	Fr	6 7	5 26	8 34	6 6	5 26	8 39	6 5	5 28	8 44	6 1	5 32	9 0
13	Sa	6 8	5 25	9 34	6 7	5 25	9 39	6 6	5 27	9 44	6 2	5 31	9 58
14	S	6 10	5 23	10 36	6 8	5 23	10 40	6 7	5 25	10 44	6 3	5 30	10 57
15	M	6 11	5 21	11 37	6 9	5 22	11 41	6 8	5 24	11 44	6 3	5 29	11 55
16	Tu	6 12	5 20	A. M.	6 10	5 20	A. M.	6 9	5 22	A. M.	6 4	5 27	A. M.
17	W	6 13	5 18	12 39	6 11	5 19	12 41	6 10	5 21	12 44	6 5	5 26	12 52
18	Th	6 14	5 16	1 38	6 12	5 17	1 40	6 11	5 19	1 42	6 6	5 25	1 47
19	Fr	6 16	5 14	2 37	6 13	5 16	2 38	6 12	5 18	2 38	6 6	5 24	2 40
20	Sa	6 17	5 12	3 35	6 14	5 14	3 35	6 13	5 16	3 34	6 7	5 23	3 33
21	S	6 18	5 11	4 33	6 15	5 13	4 32	6 14	5 14	4 31	6 8	5 22	4 26
22	M	6 20	5 9	5 32	6 16	5 11	5 29	6 15	5 12	5 27	6 9	5 21	5 20
23	Tu	6 21	5 8	sets.	6 17	5 10	sets.	6 16	5 11	sets.	6 9	5 20	sets.
24	W	6 22	5 6	5 31	6 18	5 9	5 35	6 17	5 10	5 40	6 10	5 18	5 53
25	Th	6 23	5 5	6 10	6 19	5 7	6 14	6 18	5 8	6 19	6 11	5 17	6 34
26	Fr	6 24	5 3	6 55	6 20	5 6	7 0	6 19	5 7	7 5	6 12	5 16	7 21
27	Sa	6 25	5 2	7 46	6 22	5 5	7 51	6 20	5 6	7 56	6 12	5 15	8 12
28	S	6 26	5 0	8 44	6 23	5 4	8 48	6 21	5 5	8 53	6 13	5 14	9 8
29	M	6 28	4 59	9 46	6 24	5 2	9 50	6 22	5 4	9 55	6 14	5 13	10 7
30	Tu	6 29	4 58	10 52	6 25	5 0	10 55	6 24	5 3	10 59	6 15	5 12	11 9
31	W	6 30	4 57	A. M.	6 26	4 59	A. M.	6 25	5 2	A. M.	6 16	5 11	A. M.

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	11 49 42	8	11 47 35	14	11 46 3	20	11 44 52	26	11 44 3
2	11 49 23	9	11 47 19	15	11 45 50	21	11 44 42	27	11 43 58
3	11 49 4	10	11 47 3	16	11 45 37	22	11 44 33	28	11 43 53
4	11 48 45	11	11 46 47	17	11 45 25	23	11 44 24	29	11 43 49
5	11 48 27	12	11 46 32	18	11 45 13	24	11 44 17	30	11 43 45
6	11 48 10	13	11 46 17	19	11 45 2	25	11 44 10	31	11 43 43
7	11 47 52								

TWILIGHT.

Places.	Oct.	Begins, A. M.	Ends, P. M.	Oct.	Begins, A. M.	Ends, P. M.	Oct.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	4 24	7 15	11	4 35	6 58	21	4 46	6 43
New York.	1	4 26	7 14	11	4 36	6 57	21	4 47	6 43
Wash'ton.	1	4 27	7 12	11	4 37	6 56	21	4 47	6 43
Charleston	1	4 32	7 7	11	4 39	6 54	21	4 47	6 42

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Th	6 32	4 55	12 1	6 27	4 58	12 4	6 26	5 1	12 6	6 17	5 10	12 13
2	Fr	6 33	4 54	1 12	6 29	4 57	1 12	6 27	5 0	1 14	6 17	5 9	1 18
3	Sa	6 34	4 53	2 25	6 30	4 56	2 25	6 28	4 59	2 25	6 18	5 9	2 25
4	S	6 35	4 51	3 40	6 31	4 55	3 39	6 29	4 58	3 37	6 19	5 8	3 33
5	M	6 36	4 50	4 56	6 33	4 54	4 53	6 30	4 57	4 51	6 20	5 7	4 43
6	Tu	6 38	4 49	rises.	6 35	4 53	rises.	6 31	4 56	rises.	6 21	5 6	rises.
7	W	6 39	4 48	5 23	6 36	4 52	5 28	6 32	4 55	5 32	6 22	5 5	5 47
8	Th	6 41	4 47	6 17	6 38	4 51	6 22	6 33	4 54	6 27	6 23	5 4	6 43
9	Fr	6 42	4 45	7 18	6 39	4 50	7 22	6 35	4 53	7 28	6 24	5 4	7 43
10	Sa	6 43	4 44	8 20	6 41	4 49	8 25	6 36	4 52	8 30	6 25	5 3	8 44
11	S	6 44	4 43	9 25	6 42	4 48	9 28	6 37	4 51	9 32	6 26	5 2	9 44
12	M	6 45	4 41	10 28	6 43	4 47	10 31	6 38	4 50	10 34	6 26	5 1	10 42
13	Tu	6 46	4 40	11 35	6 44	4 46	11 31	6 39	4 49	11 33	6 27	5 1	11 39
14	W	6 48	4 39	A. M.	6 45	4 45	A. M.	6 40	4 48	A. M.	6 28	5 0	A. M.
15	Th	6 49	4 38	12 29	6 46	4 44	12 30	6 41	4 47	12 31	6 29	5 0	12 33
16	Fr	6 50	4 38	1 27	6 48	4 43	1 27	6 42	4 47	1 27	6 30	4 59	1 27
17	Sa	6 52	4 37	2 25	6 49	4 42	2 24	6 43	4 46	2 23	6 31	4 58	2 20
18	S	6 53	4 36	3 25	6 50	4 41	3 23	6 45	4 45	3 21	6 32	4 58	3 15
19	M	6 54	4 35	4 22	6 51	4 40	4 19	6 46	4 44	4 16	6 33	4 57	4 8
20	Tu	6 55	4 34	5 22	6 52	4 40	5 18	6 47	4 44	5 14	6 34	4 57	5 3
21	W	6 56	4 34	6 21	6 54	4 39	6 16	6 48	4 43	6 12	6 35	4 56	5 58
22	Th	6 58	4 33	sets.	6 55	4 38	sets.	6 49	4 43	sets.	6 35	4 56	sets.
23	Fr	6 59	4 32	5 42	6 56	4 38	5 47	6 50	4 42	5 52	6 36	4 56	6 8
24	Sa	7 0	4 32	6 38	6 57	4 37	6 43	6 51	4 42	6 48	6 37	4 55	7 3
25	S	7 1	4 31	7 39	6 58	4 37	7 44	6 52	4 41	7 48	6 38	4 55	8 2
26	M	7 3	4 31	8 46	6 59	4 36	8 48	6 53	4 41	8 52	6 39	4 55	9 3
27	Tu	7 4	4 31	9 52	7 0	4 36	9 55	6 54	4 40	9 57	6 40	4 55	10 5
28	W	7 5	4 30	11 1	7 1	4 36	11 4	6 55	4 40	11 4	6 41	4 55	11 9
29	Th	7 6	4 30	A. M.	7 2	4 35	A. M.	6 56	4 39	A. M.	6 42	4 54	A. M.
30	Fr	7 7	4 30	12 11	7 3	4 35	12 11	6 57	4 39	12 12	6 43	4 54	12 13

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	11 43 41	7	11 43 47	13	11 44 23	19	11 45 30	25	11 47 6
2	11 43 40	8	11 43 51	14	11 44 32	20	11 45 44	26	11 47 25
3	11 43 40	9	11 43 55	15	11 44 42	21	11 45 59	27	11 47 45
4	11 43 40	10	11 44 1	16	11 44 52	22	11 46 15	28	11 48 5
5	11 43 41	11	11 44 7	17	11 45 4	23	11 46 31	29	11 48 26
6	11 43 44	12	11 44 15	18	11 45 16	24	11 46 48	30	11 48 48

TWILIGHT.

Places.	Nov.	Begins, A. M.	Ends, P. M.	Nov.	Begins, A. M.	Ends, P. M.	Nov.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	4 58	6 29	11	5 9	6 19	21	5 20	6 12
New York.	1	4 58	6 29	11	5 8	6 20	21	5 18	6 14
Wash'ton.	1	4 57	6 30	11	5 7	6 21	21	5 16	6 16
Charleston	1	4 54	6 33	11	5 2	6 26	21	5 10	6 22

Day of the Month.	Day of the Week.	Calendar for Boston, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon.			Calendar for New York City, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California.			Calendar for Washington, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California.			Calendar for Charleston, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California.		
		Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.	Sun Rises.	Sun Sets.	Moon R. & S.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Sa	7 8	4 29	1 22	7 4	4 34	1 21	6 58	4 39	1 20	6 44	4 54	1 18
2	S	7 9	4 29	2 34	7 5	4 34	2 33	6 58	4 39	2 30	6 44	4 54	2 25
3	M	7 10	4 28	3 48	7 6	4 33	3 45	6 59	4 38	3 42	6 45	4 54	3 32
4	Tu	7 11	4 28	5 0	7 7	4 33	4 57	7 0	4 38	4 53	6 46	4 54	4 41
5	W	7 13	4 28	6 12	7 8	4 33	6 8	7 1	4 38	6 3	6 47	4 54	5 48
6	Th	7 14	4 28	rises.	7 9	4 33	rises.	7 2	4 38	rises.	6 48	4 54	rises.
7	Fr	7 15	4 28	6 0	7 10	4 33	6 5	7 3	4 38	6 10	6 49	4 54	6 24
8	Sa	7 16	4 28	7 5	7 11	4 33	7 9	7 4	4 38	7 14	6 49	4 54	7 26
9	S	7 17	4 28	8 11	7 12	4 33	8 14	7 5	4 38	8 17	6 50	4 54	8 27
10	M	7 17	4 28	9 14	7 13	4 33	9 16	7 6	4 38	9 19	6 51	4 54	9 26
11	Tu	7 18	4 28	10 16	7 14	4 33	10 17	7 7	4 38	10 19	6 52	4 54	10 23
12	W	7 19	4 28	11 16	7 15	4 33	11 16	7 8	4 38	11 17	6 52	4 55	11 18
13	Th	7 20	4 28	A. M.	7 15	4 33	A. M.	7 8	4 39	A. M.	6 53	4 55	A. M.
14	Fr	7 21	4 28	12 15	7 16	4 34	12 14	7 9	4 39	12 13	6 54	4 55	12 12
15	Sa	7 22	4 28	1 13	7 17	4 34	1 11	7 10	4 39	1 10	6 54	4 55	1 5
16	S	7 23	4 29	2 11	7 18	4 34	2 9	7 11	4 39	2 6	6 55	4 56	1 59
17	M	7 24	4 29	3 11	7 18	4 34	3 7	7 11	4 40	3 3	6 56	4 56	2 53
18	Tu	7 25	4 29	4 9	7 19	4 35	4 5	7 12	4 40	4 1	6 56	4 57	3 48
19	W	7 25	4 29	5 8	7 20	4 35	5 3	7 13	4 40	4 59	6 57	4 57	4 44
20	Th	7 26	4 30	6 5	7 20	4 36	6 0	7 14	4 41	5 55	6 58	4 57	5 39
21	Fr	7 26	4 30	sets.	7 21	4 36	sets.	7 14	4 41	sets.	6 58	4 58	sets.
22	Sa	7 27	4 31	5 30	7 21	4 36	5 34	7 15	4 42	5 39	6 59	4 58	5 53
23	S	7 27	4 31	6 35	7 22	4 37	6 39	7 16	4 42	6 43	6 59	4 59	6 55
24	M	7 27	4 32	7 43	7 22	4 38	7 46	7 16	4 43	7 49	7 0	4 59	7 58
25	Tu	7 28	4 32	8 53	7 23	4 38	8 54	7 17	4 43	8 56	7 0	5 0	9 2
26	W	7 28	4 33	10 2	7 23	4 39	10 3	7 17	4 44	10 4	7 0	5 0	10 6
27	Th	7 28	4 34	11 12	7 23	4 40	11 12	7 18	4 44	11 11	7 1	5 1	11 10
28	Fr	7 29	4 34	A. M.	7 24	4 40	A. M.	7 18	4 45	A. M.	7 1	5 1	A. M.
29	Sa	7 29	4 35	12 22	7 24	4 41	12 22	7 18	4 46	12 20	7 2	5 2	12 15
30	S	7 29	4 36	1 34	7 24	4 42	1 32	7 19	4 46	1 29	7 2	5 3	1 21
31	M	7 30	4 36	2 46	7 24	4 42	2 42	7 19	4 47	2 38	7 2	5 4	2 29

SUN ON MERIDIAN.

Day of Month.		Day of Month.		Day of Month.		Day of Month.		Day of Month.	
	H. M. S.		H. M. S.		H. M. S.		H. M. S.		H. M. S.
1	11 49 10	8	11 52 2	14	11 54 48	20	11 57 45	26	12 0 45
2	11 49 33	9	11 52 28	15	11 55 17	21	11 58 15	27	12 1 15
3	11 49 56	10	11 52 55	16	11 55 46	22	11 58 45	28	12 1 44
4	11 50 20	11	11 53 23	17	11 56 15	23	11 59 15	29	12 2 14
5	11 50 45	12	11 53 51	18	11 56 45	24	11 59 45	30	12 2 43
6	11 51 10	13	11 54 19	19	11 57 15	25	12 0 15	31	12 3 12
7	11 51 36								

TWILIGHT.

Places.	Dec.	Begins, A. M.	Ends, P. M.	Dec.	Begins, A. M.	Ends, P. M.	Dec.	Begins, A. M.	Ends, P. M.
		H. M.	H. M.		H. M.	H. M.		H. M.	H. M.
Boston.....	1	5 29	6 9	11	5 38	6 9	21	5 45	6 12
New York.	1	5 27	6 11	11	5 36	6 11	21	5 42	6 14
Wash' ton..	1	5 25	6 13	11	5 33	6 14	21	5 40	6 17
Charleston.	1	5 17	6 20	11	5 25	6 22	21	5 31	6 26

Facts About the Earth.

ACCORDING to Clark, the equatorial semi-diameter is 20,926,202 feet=3963.296 miles, and the polar semi-diameter is 20,854,895 feet=3950.738 miles. One degree of latitude at the pole=69.407 miles. One degree of latitude at the equator=68.704 miles.

POPULATION OF THE EARTH BY CONTINENTS.
(From Proceedings of the Royal Geographical Society for January, 1891.)

CONTINENTAL DIVISIONS.	Area in Square Miles.	INHABITANTS. Number.	INHABITANTS. Per Sq. Mile.	CONTINENTAL DIVISIONS.	Area in Square Miles.	INHABITANTS. Number.	INHABITANTS. Per Sq. Mile.
Africa	11,514,000	127,000,000	11.0	Europe.....	3,555,000	380,200,000	106.9
America, N..	6,446,000	89,250,000	13.8	Polar Reg...	4,888,800	300,000	0.7
America, S..	6,837,000	36,420,000	5.3	Total.....	51,238,800	1,487,900,000	29.0
Asia	14,710,000	850,000,000	57.7				
Australasia	3,288,000	4,730,000	1.4				

The above estimate was made by Ernest George Ravenstein, F.R.G.S., the geographer and statistician, and is for 1890.

An estimate of population of the earth, made by Drs. Wagner and Supan, editors of "Bevölkerung der Erde" (Perthes, Gotha, 1891), is as follows: Europe, 357,379,000; Asia, 825,954,000; Africa, 163,953,000; America, 121,713,000; Australia, 3,230,000; Oceanic Islands, 7,420,000; polar regions, 80,400. Total, 1,479,729,400. The estimate of area of the continents and islands by the same authorities is 52,821,684.

Ravenstein's estimate of the earth's fertile region, in square miles, is 28,269,200; steppe, 13,901,000; desert, 4,180,000; polar region, 4,888,800.

The population of the earth at the death of the Emperor Augustus, estimated by Bodio, was 54,000,000. The population of Europe hardly exceeded 50,000,000 before the fifteenth century.—*Mulhall.*

The area and cubic contents of the earth, according to the data of Clark, given above, are: Surface, 196,971,984 square miles; cubic contents, 259,944,035,515 cubic miles.

Murray (Challenger expedition) states the greatest depth of the Atlantic Ocean at 27,366 feet; Pacific Ocean, 30,000 feet; Indian Ocean, 18,582 feet; Southern Ocean, 25,200 feet; Arctic Ocean, 9,000 feet. The Atlantic Ocean has an area, in square miles, of 24,536,000; Pacific Ocean, 50,309,000; Indian Ocean, 17,084,000; Arctic Ocean, 4,781,000; Southern Ocean, 30,592,000. The highest mountain is believed to be Deodhunga, one of the Himalayas, 29,002 feet.

For population of the earth according to creed, see RELIGIOUS STATISTICS.

POPULATION OF THE EARTH ACCORDING TO RACE.
(Estimated by John Bartholomew, F.R.G.S., Edinburgh.)

RACE.	Location.	Number.	RACE.	Location.	Number.
Indo-Germanic or Aryan (white).....	Europe, Persia, etc.....	545,500,000	Hottentot and Bushman (black).....	South Africa	150,000
Mongolian or Turanian (yellow and brown).....	Greater part of Asia.....	630,000,000	Malay and Polynesian (brown).....	Australasia & Polynesia	35,000,000
Semitic or Hamitic (white).....	North Africa, Arabia.....	65,000,000	American Indian (red).....	North & So. America.....	15,000,000
Negro and Bantu (black).....	Central Africa....	150,000,000	Total.....	.....	1,440,650,000

The human family is subject to forty-four principal governments. As to their form they may be classified as follows: *Absolute monarchies*, China, Korea, Morocco, Persia, Russia, Siam, Turkey; *Limited monarchies*, Austria-Hungary, Belgium, British Empire, Denmark, Germany, Greece, Italy, Japan, Netherlands, Portugal, Roumania, Servia, Sweden and Norway, Spain; *Republics*, Argentine Republic, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, France, Guatemala, Hayti, Honduras, Mexico, Nicaragua, Orange Free State, Paraguay, Peru, Salvador, San Domingo, Switzerland, Transvaal, United States of America, Uruguay, Venezuela. Besides these are the undefined despotisms of Central and South Africa, and a few insignificant independent States.

The average duration of human life is about 33 years. One-quarter of the people on the earth die before age 6, one-half before age 16, and only about 1 person of each 100 born lives to age 65. The deaths are calculated at 67 per minute, 97,790 per day, and 35,639,835 per year; the births at 70 per minute, 100,800 per day, and 36,792,000 per year.

EUROPEAN LANGUAGES SPOKEN.

LANGUAGES.	NUMBER OF PERSONS SPOKEN BY. 1801.	NUMBER OF PERSONS SPOKEN BY. 1890.	PROPORTION OF THE WHOLE. 1801.	PROPORTION OF THE WHOLE. 1890.	LANGUAGES.	NUMBER OF PERSONS SPOKEN BY. 1801.	NUMBER OF PERSONS SPOKEN BY. 1890.	PROPORTION OF THE WHOLE. 1801.	PROPORTION OF THE WHOLE. 1890.
English	20,520,000	111,100,000	12.7	27.7	Portuguese	7,480,000	13,000,000	4.7	3.2
French	31,450,000	51,200,000	19.4	12.7	Russian	30,770,000	75,000,000	19.0	18.7
German.....	30,320,000	75,200,000	18.7	18.7					
Italian.....	15,070,000	33,400,000	9.3	8.3	Total	161,800,000	401,700,000	100.0	100.0
Spanish	26,190,000	42,800,000	16.2	10.7					

These estimates by Mulhall (1891) exhibit the superior growth of the English language in the last ninety years. Another authority (see "English-Speaking Religious Communities") estimates the number using the English language in 1895 at over 124,130,000. English is fast becoming the polite tongue of Europe.

Races of Mankind.

THE following is compiled from the arrangement by the Ethnologist Figuier and others:

	WHITE RACE.	
European Branch.	Teutonic Family	Scandinavians, Germans, English.
	Latin Family	French, Spaniards, Italians, Moldo-Wallachians.
	Slavonian Family	Russians, Finns, Bulgarians, Servians, Magyars, Croats, Tchecks, Poles, Lithuanians.
	Greek Family	Greeks, Albanians.
Aramean Branch.	Libyan Family	Egyptians, Berbers.
	Semitic Family	Arabs, Jews, Syrians.
	Persian Family	Persians, Afghans, Kurds, Armenians, Ossetines.
	Georgian Family	Georgians.
	Circassian Family	Circassians, Mingrelians.
	YELLOW RACE.	
Hyperborean Branch.	Lapp Family	Samoiede, Kamtschadale, Esquimau, Tenissian, Jukaghirite, and Koriak Families.
Mongolian Branch.	Mongol Family	Mongols, Kalmucks, Buriats.
	Tunguse Family	Tunguses, Manchus.
	Turk Family	Turcomans, Kirghis, Nogays, Osmanlis.
	Yakut Family	Yakuts.
Sinaic Branch.	Chinese Family	Chinese.
	Japanese Family	Japanese.
	Indo-Chinese Family	Burmese, Siamese.
	BROWN RACE.	
Hindoo Branch.	Hindoo Family	Sikhs, Jats, Rajpoots, Mahrattas, Bengalese, Cingalese.
	Malabar Family	Malabars, Tamals, Telingas.
Ethiopian Branch.	Abyssinian Family	Abyssinians, Berabras, Galias.
	Fellan Family	Fellans.
Malay Branch.	Malay Family	Malays, Javanese, Battas, Bougis, Maccassars, Dyaks, Togals.
	Polynesian Family	Maoris, Tongas, Tahitians, Pomotouans, Marquesans, Sandwichians.
	Micronesian Family	Ladrone, Caroline, and Mulgrave Islanders.
	RED RACE.	
Southern Branch.	Andian Family	Quichuas (or Incas), Antis, Andians, Araucanians.
	Pampean Family	Patagonians, Puelches, Charruas, Tobas, Moxas, Abipous, Etc.
	Guarani Family	Guaranis, Bocotudos.
Northern Branch.	Southern Family	Aztecs, Mayas, Lencas, Othomis, Tarascas, Etc.
	Northeastern Family	Cherokees, Hurons, Iroquois, Sioux, Apaches, Comanches, Creeks, Etc.
	Northwestern Family	Chinooks, Digger Indians, Nootkans, Etc.
	BLACK RACE.	
Western Branch.	Caffre Family	
	Hottentot Family	
	Negro Family	
Eastern Branch.	Papuan Family	Fijians New Caledonians, Etc.
	Andaman Family	Andamans, Australians.

Specific Gravity.*

Liquids.		*Timber.*		*Sundries.*		*Metals and Stones.*	
Water	100	Cork	24	Indigo	77	Granite	278
Sea-water	103	Poplar	38	Ice	92	Diamond	353
Dead Sea	124	Fir	55	Gunpowder	93	Cast iron	721
Alcohol	84	Cedar	61	Butter	94	Tin	729
Turpentine	99	Pear	66	Clay	120	Bar iron	779
Wine	100	Walnut	67	Coal	130	Steel	783
Urine	101	Cherry	72	Opium	134	Brass	840
Cider	102	Maple	75	Honey	145	Copper	895
Beer	102	Ash	84	Ivory.	183	Silver	1,047
Woman's milk	102	Beach	85	Sulphur	203	Lead	1,135
Cow's "	103	Mahogany	106	Marble	270	Mercury	1,357
Goat's "	104	Oak	117	Chalk	279	Gold	1,926
Porter	104	Ebony	133	Glass	289	Platina	2,150

The weight of a cubic foot of distilled water at a temperature of 60° F. is 1,000 ounces Avoirdupois, *very nearly*, therefore the weight (in ounces, Avoirdupois) of a cubic foot of any of the substances in the above table is found by multiplying the specific gravities by 10, thus:—one cubic foot of oak weighs 1,170 ounces; one cubic foot of marble 2,700 ounces, and so on. * Compared with water.

Freezing, Fusing, and Boiling Points.

SUBSTANCES.	Reaumur.	Centigrade.	Fahrenheit.	SUBSTANCES.	Reaumur.	Centigrade.	Fahrenheit.
Bromine freezes at	— 17.6°	— 22°	— 7.6°	Silver fuses at	800°	1,000°	1,832°
Olive oil freezes at	8	10	50	Sodium fuses at	76.5	95.6	204
Quicksilver freezes at	— 31.5	— 39.4	— 39	Sulphur fuses at	92	115	239
Water freezes at	0	0	32	Tin fuses at	182	228	442
Bismuth metal fuses at	211	264	507	Zinc fuses at	329.6	412	773
Copper fuses at	963	1,204	2,200	Alcohol boils at	63	74.4	167
Gold fuses at	1,105	1,380	2,518	Bromine boils at	50	63	145
Iron fuses at	1,230	1,538	2,800	Ether boils at	28.4	35.5	96
Lead fuses at	260	325	617	Iodine boils at	140	175	347
Potassium fuses at	50	62.5	144.5	Water boils at	80	100	212

Authorities vary on some of these points. The best are given.

The Geological Strata.

THE strata composing the earth's crust is divided by most geologists into two great classes: 1. Those generally attributed to the agency of water. 2. To the action of fire; which may be subdivided as follows: (*a*) Aqueous formations, stratified, rarely crystalline (sedimentary or fossiliferous rocks; metamorphic or unfossiliferous). (*b*) Igneous formations, unstratified, crystalline (volcanic, as basalt; platonic, as granite).

The geological record is classified into five main divisions or periods: 1. The Archæan, lifeless and dawn of life. 2. The Palæozoic (ancient life). 3. The Mesozoic (middle life). 4. The Cenozoic (recent life). 5. Quaternary, the age in which man's first appearance is indicated

Periods.		Eras.		Series.	Subdivisions.
Quaternary Period.	Age of Primeval Man.	Quaternary or Post Tertiary.		3. Recent. 2. Champlain. 1. Glacial.	Pleistocene.
Cenozoic Period.	Age of Mammals.	Tertiary Era.		4. Pliocene.	English Crag.
				3. Miocene.	Upper Molasse.
				2. Oligocene.	Rupellan and Tongrian of Belgium.
				1. Eocene.	
Mesozoic Period.	Age of Reptiles.	Cretaceous Era.		4. Laramie.	Upper Chalk.
				3. Colorado.	Lower Chalk. Chalk Marl.
				2. Dakota.	Gault.
				1. Lower.	Neocomian. Lower Greensand.
		Jura-Trias.	Jurassic	3. Purbeck.	Wealden. Purbeck, Portland, Kimmeridge.
				2. Oölite.	Oxford Oölites. Lower or Bath Oölite.
				1. Lias.	1. Lower Lias. 2. Marlstone. 3. Upper Lias.
			7 Triassic.	4. Rhætic.	Kössen beds, Dachstein beds; Alpine Trias, in part.
				3. Upper.	Keuper.
				2. Middle.	Muschelkalk Bunter-Sandstein.
				1. Lower.	
Palæozoic Period.	Age of Coal Plants.	Carboniferous Era.		3. Permian.	2. Magnesian Limestone.
				2. Carboniferous.	1. Lower Red Sandstone, or Rothliegendes. 3. Upper Coal-Measures 2. Lower Coal-Measures.
				1. Subcarboniferous.	1. Millstone Grit. Lower Carboniferous. Mountain Limestone.
	Age of Fishes.	Devonian Era.		5. Catskill and Chemung.	Catskill Red Sandstone. } Old Red Sandstone.
				4. Portage.	Chemung. Portage.
				3. Hamilton.	Genesee Slate. Hamilton beds.
				2. Coniferous.	Marcellus Shale. Upper Helderberg, Schoharie, Grit.
				1. Oriskany.	Oriskany Sandstone.
	Age of Invertebrates.	Upper Silurian.		3. Lower Helderberg.	Lower Helderberg.
				2. Onondaga.	Onondaga Salt Group. Salina beds. Water Lime.
				1. Niagara.	3. Niagara Group. Wenlock Group. 2. Clinton Group. } Upper Llandovery. 1. Medina Sandstone. } Upper Llandovery.
		Lower Silurian.		3. Trenton.	3. Hudson River beds. Cincinnati Group. Lower Llandovery. 2. Utica Shales. 1. Trenton Limestone. Caradoc and Bala Limestone. Black River Limestone.
				2. Chazy.	Chazy Limestone.
				1 Calciferous.	Calciferous Sandrock. Magnesian stone.
		Cambrian.			Lower, Middle, and Upper Cambrian.
Archæan Period.			Eozoic (dawn of life). Azoic (lifeless).		1. Laurentian. Huronian.

Table of Magnetic Declinations,

OR VARIATIONS OF THE COMPASS FOR THE EPOCH JANUARY, 1900—WITH THE ANNUAL CHANGE FROM 1895 TO 1900 FOR THE PRINCIPAL PLACES IN THE UNITED STATES.

A plus (+) sign denotes West Declination; a minus (—) sign East Declination. For the annual change a plus sign denotes increasing West or decreasing East declination, and a minus sign the reverse.

(Specially prepared for THE WORLD ALMANAC from reports of the United States Coast and Geodetic Survey.)

State or Territory.	Station.	Approximate Latitude.		Approximate Longitude.		Variation January 1900.		Annual Change.
		°	′	°	′	°	′	′
Ala.	Montgomery	32	22	86	18	− 2	36	+ 3.6
	Mobile	30	42	88	3	− 4	20	+ 4.3
	Florence	34	48	87	43	− 3	48	+ 3.2
Alaska	Sitka	57	3	135	20	−29	45	− 2.0
	St. Paul	57	48	152	22	−24	15	+ 5.0
	St. Michael	63	29	162	1	−22	6	+ 7.0
	Fort Yukon	66	34	145	18	−34	30	+ 5.0
	Cape Smyth	71	18	156	39	−32	30	+12.0
Ariz	Prescott	..		..		−13	30	+ 1.5
	Yuma	32	44	114	37	−13	12	+ 1.0
	Nogales	31	20	110	56	−12	6	+ 1.5
Ark	Little Rock	34	44	92	16	− 6	36	+ 4.3
Cal	Sacramento	38	36	121	30	−16	0	0.0
	San Francisco	37	48	122	27	−16	42	− 0.1
	Los Angeles	34	4	118	15	−14	18	+ 1.0
	San Diego	32	43	117	10	−13	42	+ 1.3
Col	Denver	39	45	105	0	−13	30	+ 3.5
Conn	Hartford	41	46	72	40	+10	24	+ 2.8
	New Haven	41	18	72	55	+ 9	54	+ 3.1
Del	Dover	39	9	75	31	+ 6	27	+ 3.0
Dist. of Col	Washington	38	53	77	0	+ 4	50	+ 3.0
Florida	Tallahassee	30	26	84	17	− 2	0	+ 4.0
	Jacksonville	30	20	81	39	− 0	54	+ 3.5
	Key West	24	33	81	48	− 2	42	+ 2.8
Georgia	Atlanta	33	44	84	22	− 1	36	+ 3.7
	Savannah	32	5	81	5	− 0	48	+ 3.6
Idaho	Boise	..		..		−18	20	+ 1.5
Illinois	Springfield	39	50	89	39	− 4	12	+ 4.5
	Chicago	41	54	87	37	− 2	54	+ 4.4
Ind. Ter.	Atoka	34	24	96	5	− 8	0	+ 5.0
Indiana	Indianapolis	39	47	86	8	− 1	36	+ 4.3
	Fort Wayne	41	3	85	3	− 0	42	+ 4.0
Iowa	Des Moines	41	36	93	36	− 7	42	+ 5.1
	Dubuque	42	30	90	44	− 5	24	+ 5.0
Kansas	Topeka	..		..		− 8	48	+ 4.3
	Wichita	37	40	97	20	− 9	30	+ 3.0
Ky	Frankfort	..		..		− 1	30	+ 3.2
	Paducah	37	5	88	37	− 4	24	+ 4.4
	Louisville	38	15	85	46	− 1	24	+ 4.0
La	Baton Rouge	30	27	91	11	− 5	42	+ 3.5
	New Orleans	30	0	90	5	− 5	12	+ 4.3
	Shreveport	32	30	93	45	− 6	36	+ 3.5
Maine	Augusta	..		..		+16	0	+ 1.5
	Portland	43	39	70	17	+14	24	+ 2.0
	Eastport	44	54	66	59	+19	0	0.0
Md	Annapolis	38	59	76	29	+ 5	30	+ 2.8
	Baltimore	39	16	76	35	+ 5	24	+ 2.8
Mass	Boston	42	22	71	4	+12	18	+ 1.6
	Springfield	42	6	73	32	+11	12	+ 2.5
Mich	Lansing	..		..		+ 0	50	+ 4.0
	Detroit	42	21	83	3	+ 1	12	+ 2.3
	Marquette	46	33	87	22	− 2	24	+ 4.0
Minn	St. Paul	44	58	93	5	− 8	42	+ 5.2
	Duluth	46	46	92	4	−12	18	+ 2.1
Miss	Jackson	32	19	90	12	− 5	36	+ 3.5
Miss	Oxford	34	22	89	33	− 5	24	+ 4.0
Mo	Jefferson City	38	35	92	9	− 7	12	+ 4.2
	St. Louis	38	38	90	16	− 5	0	+ 4.2
	Kansas City	39	7	94	38	− 8	48	+ 4.0
Mon	Helena	46	37	112	2	−19	6	+ 1.9
Neb	Lincoln	..		..		−10	12	+ 3.5
	Omaha	41	16	95	56	− 8	54	+ 4.1
Nevada	Carson City	39	10	119	46	−16	36	+ 1.0
	Eureka	39	31	115	58	−16	12	+ 1.5
N. H	Concord	43	12	71	29	+12	24	+ 2.0
N. J	Trenton	40	13	74	44	+ 7	54	+ 3.0
N. Mex	Santa Fé	35	41	105	57	−12	24	+ 1.7
N. Y	Albany	42	40	73	45	+11	6	+ 3.2
	New York	40	43	74	0	+ 9	6	+ 3.6
	Ithaca	42	27	76	29	+ 7	30	+ 5.1
	Buffalo	42	55	78	54	+ 6	0	+ 4.0
N. C	Raleigh	35	47	78	38	+ 1	48	+ 3.0
	Wilmington	34	13	77	56	+ 1	36	+ 2.5
N. Dak	Bismarck	46	48	100	47	−14	36	+ 3.0
	Pembina	48	58	97	14	−11	6	+ 4.8
Ohio	Columbus	40	0	83	0	+ 0	36	+ 4.5
	Cleveland	41	30	81	42	+ 2	30	+ 2.7
	Cincinnati	39	8	84	25	− 1	18	+ 3.3
Okla	Guthrie	..		..		− 9	0	+ 3.0
Oregon	Portland	45	31	122	41	−22	30	− 0.6
Pa	Harrisburg	40	16	76	53	+ 6	0	+ 1.7
	Philadelphia	39	58	75	10	+ 7	42	+ 3.6
	Pittsburgh	40	28	80	1	+ 3	36	+ 2.9
R. I	Providence	41	50	71	24	+12	0	+ 2.5
S. C	Columbia	34	0	81	2	− 0	24	+ 3.0
	Charleston	32	47	79	56	+ 0	30	+ 2.3
S. Dak	Pierre	44	22	100	22	−12	30	+ 3.0
	Yankton	42	53	97	25	−11	0	+ 3.4
Tenn	Nashville	36	9	86	48	− 3	36	+ 4.7
	Knoxville	35	58	83	55	+ 0	12	+ 4.3
	Memphis	35	8	90	3	− 5	18	+ 4.4
Tex	Austin	30	17	97	44	− 7	54	+ 2.8
	San Antonio	29	27	98	28	− 8	18	+ 3.8
	Houston	29	42	95	20	− 7	12	+ 3.5
	Galveston	29	18	94	47	− 6	54	+ 4.0
	El Paso	31	46	106	29	−11	30	+ 2.7
Utah	Salt Lake	40	46	111	54	−16	6	+ 2.1
	Ogden	41	13	112	0	−17	0	+ 2.1
Vt	Montpelier	44	17	72	36	+14	0	+ 2.5
	Burlington	44	28	73	12	+12	30	+ 2.2
Va	Richmond	37	32	77	26	+ 3	42	+ 3.2
	Norfolk	36	50	76	17	+ 4	0	+ 2.8
	Lynchburg	37	25	79	9	+ 2	12	+ 3.5
Wash	Olympia	47	2	122	54	−22	30	− 1.7
	Walla Walla	46	4	118	21	−21	6	− 1.5
W. Va	Charleston	38	21	81	38	+ 2	0	+ 3.5
	Wheeling	40	3	80	44	+ 1	6	+ 3.5
Wis	Madison	43	4	89	25	− 5	12	+ 3.8
	Milwaukee	43	4	87	53	− 3	36	+ 5.4
	Superior City	46	40	92	4	− 9	30	+ 2.1
Wyo	Cheyenne	41	8	104	49	−14	12	+ 3.0

EXTREME VALUES.

Maine	Mo. of Green R. (Brunswick).	47	19	68	10	+21	18	− 1.0	**Alaska**	Demarcation Point.	69	41	141	0	−40	30	+10.0

CONQUESTS.

Cuba	Havana	23	8	82	22	− 2	48	+ 3.8	**Haw'n Islands**	Honolulu	21	18	157	52	−10	12	− 1.8
	Santiago	20	0	75	50	− 0	48	+ 3.0		Waimea	20	2	155	38	− 9	20	− 1.8
Porto Rico.	San Juan	18	29	66	7	+ 0	45	+ 2.0	**Philippines**	Manila	14	35	*		− 0	58	+ 0.9
	Ponce	17	59	66	40	+ 0	35	+ 2.0									

*Manila, 120° 58′ East.

Thermometers.

COMPARATIVE SCALES.

Reaumur, 80°.	Centigrade, 100°.	Fahrenheit, 212°.	
76	95	203	WATER BOILS AT SEA-LEVEL.
72	90	194	
68	85	185	
63.1	78.9	174	
60	75	167	Alcohol Boils.
56	70	158	
52	65	149	
48	60	140	
44	55	131	
42.2	52.8	127	Tallow Melts.
40	50	122	
36	45	113	
33.8	42.2	108	
32	40	104	
29.3	36.7	98	Blood Heat.
28	35	95	
25.8	32.2	90	
24	30	86	
21.3	26.7	80	
20	25	77	
16	20	68	
12.4	15.3	60	Temperate.
10.2	12.8	55	
8	10	50	
5.8	7.2	45	
4	5	41	
1.3	1.7	35	
0	0	32	WATER FREEZES.
− 0.9	− 1.1	30	
− 4	− 5	23	
− 5.3	− 6.7	20	
− 8	−10	14	
− 9.8	−12.2	10	
−12	−15	5	
−14.2	−17.8	0	ZERO Fahr.
−16	−20	− 4	
−20	−25	−13	
−24	−30	−22	
−28	−35	−31	
−32	−40	−40	

Rules for Foretelling the Weather.

ADAPTED FOR USE WITH ANEROID BAROMETERS.

A RISING BAROMETER.

A RAPID rise indicates unsettled weather.

A gradual rise indicates settled weather

A rise with dry air and cold increasing in Summer indicates wind from the northward; and if rain has fallen, better weather may be expected.

A rise with moist air and a low temperature indicates wind and rain from the northward.

A rise with southerly winds indicates fine weather.

A STEADY BAROMETER.

* With dry air and seasonable temperature indicates a continuance of very fine weather.

A FALLING BAROMETER.

A rapid fall indicates stormy weather.

A rapid fall with westerly wind indicates stormy weather from the northward.

A fall with a northerly wind indicates storm, with rain and hail in Summer, and snow in Winter.

A fall with increased moisture in the air, and heat increasing, indicates wind and rain from the southward.

A fall with dry air and cold increasing in Winter indicates snow.

A fall after very calm and warm weather indicates rain with squally weather.

The barometer rises for northerly winds, including from northwest by north to the eastward for dry, or less wet weather, for less wind, or for more than one of these changes, except on a few occasions, when rain, hail, or snow comes from the northward with strong wind.

The barometer falls for southerly wind, including from southeast by south to the westward, for wet weather, for stronger wind or for more than one of these changes, except on a few occasions, when moderate wind, with rain or snow, comes from the northward.

The above printed rules are in use by the Seawanhaka-Corinthian Yacht Club of New York.

DURATION OF DIFFERENT KINDS OF WEATHER IN THE SEVERAL STORMS—VICINITY OF NEW YORK.

CRITICAL WINDS.	Clear Hours.	Cloudy Hours.	Rain Hours.	Clearing Hours.
South to Southwest	9	8	8.3	14
South to Southeast	14	13.4	15.6	15.4
East to Northeast	20	17.6	31	20.6

LINE OF PERPETUAL SNOW.

The line of perpetual snow varies with latitude, and is as follows in feet above sea-level:

LATITUDE.	Feet.	LATITUDE.	Feet.	LATITUDE.	Feet.
0	15,260	30	11,484	60	3,818
10	14,764	40	9,000	70	1,278
20	13,478	50	6,334		

OBJECTS VISIBLE AT SEA-LEVEL IN CLEAR WEATHER.

The following table shows the distance at sea-level at which objects are visible at certain elevations:

ELEVATION—FEET.	Miles.	ELEVATION—FEET.	Miles.	ELEVATION—FEET.	Miles.
1	1.31	30	7.25	90	12.25
5	2.96	35	7.83	100	13.23
6	3.24	40	8.37	150	16.22
7	3.49	45	8.87	200	18.72
8	3.73	50	9.35	300	22.91
9	3.96	60	10.25	500	29.58
10	4.18	70	11.07	1,000	33.41
20	5.92	80	11.83	1 mile	96.10
25	6.61				

STRENGTH OF ICE.

Recently formed ice (and on the surface) one inch and a half thick will support a man; four inches thick will support cavalry; five inches thick will support an eighty-four pound cannon; ten inches thick will support an army; eighteen inches thick will support a railroad train.

Loss by Lightning in the United States.

THE Weather Bureau of the United States Department of Agriculture in 1895 issued a bulletin giving these facts: That for the five years ending December 31, 1894, there were 1,120 lives lost from lightning in the United States, an average of 224 per year, nearly all in the six months from April to September, the maximum death rate being in June and July.

In the nine years ending December 31, 1893, there were 4,175 fires caused by lightning, with a property loss of $14,309,180.

Weather Signals

OF THE WEATHER BUREAU, U. S. DEPARTMENT OF AGRICULTURE.

THE Weather Bureau furnishes, when practicable, for the benefit of the general public and those interests dependent to a greater or less extent upon weather conditions, the "Forecasts" which are prepared daily, at 10 A.M. and 10 P.M., for the following day. These weather forecasts are telegraphed to observers at stations of the Weather Bureau, railway officials, and many others, and are so worded as to be readily communicated to the public by means of flags or steam-whistles. The flags adopted for this purpose are five in number, and of the form and dimensions indicated below:

EXPLANATION OF FLAG SIGNALS.

No. 1. White Flag. — No. 2. Blue Flag. — No. 3. White and Blue Flag. — No. 4. Black Triangular Flag. — No. 5. White Flag with black square in centre.

Clear or fair weather. — Rain or snow. — Local rains or snow. — Temperature signal. — Cold wave.

When number 4 is placed above number 1, 2, or 3, it indicates warmer; when below, colder; when not displayed, the temperature is expected to remain about stationary. During the late Spring and early Fall the cold-wave flag is also used as a frost-warning flag to indicate anticipated frosts.

When displayed on poles, the signals should be arranged to read downward; when displayed from horizontal supports, a small streamer should be attached to indicate the point from which the signals are to be read.

WHISTLE SIGNALS.

The warning signal, to attract attention, will be a long blast of from fifteen to twenty seconds duration. After the warning signal has been sounded long blasts (of from four to six seconds duration) refer to weather, and short blasts (of from one to three seconds duration) refer to temperature; those for weather to be sounded first.

Blasts.	Indicate.	Blasts.	Indicate.
One long	Fair weather.	One short	Lower temperature.
Two long	Rain or snow.	Two short	Higher temperature.
Three long	Local rain or snow.	Three short	Cold wave.

By repeating each combination a few times, with an interval of ten seconds between, possibilities of error in reading the signals will be avoided, such as may arise from variable winds or failure to hear the warning signal.

Communications with reference to the display of these symbols and signals should be addressed to the Director of the Climate and Crop Section of the State or Territory in which the station is located, or to the Chief of the Weather Bureau, Washington, D. C. (For wind signals, see next page.)

The several States and Territories (with headquarters) in which sections of the Climate and Crop Services of the Weather Bureau are in operation, are as follows:

Alabama, Montgomery.
Arizona, Phœnix.
Arkansas, Little Rock.
California, San Francisco.
Colorado, Denver.
Florida, Jacksonville.
Georgia, Atlanta.
Idaho, Boise.
Illinois, Chicago.
Indiana, Indianapolis.
Iowa, Des Moines.
Kansas, Topeka.
Kentucky, Louisville.
Louisiana, New Orleans.
Maryland, Baltimore (for Delaware and Maryland).
Massachusetts, Boston (for New England).
Michigan, Lansing.
Minnesota, Minneapolis.
Mississippi, Vicksburg.
Missouri, Columbia.
Montana, Helena.
Nebraska, Lincoln.
Nevada, Carson City.
New Jersey, New Brunswick.
New Mexico, Santa Fé.
New York, Ithaca.
North Carolina, Raleigh.
North Dakota, Bismarck.
Ohio, Columbus.
Oklahoma, Oklahoma.
Oregon, Portland.
Pennsylvania, Philadelphia.
South Carolina, Columbia.
South Dakota, Huron.
Tennessee, Nashville.
Texas, Galveston.
Utah, Salt Lake City.
Virginia, Richmond.
Washington, Seattle.
West Virginia, Parkersburg.
Wisconsin, Milwaukee.
Wyoming, Cheyenne.

The Ancient and Modern Year.

THE Athenians began the year in June, the Macedonians in September, the Romans first in March and afterward in January, the Persians on August 11, the ancient Mexicans on February 23, the Mohammedans in July. The Chinese year, which begins early in February, is similar to the Mohammedan in having 12 months of 29 and 30 days alternately; but in every nineteen years there are seven years which have 13 months. This is not quite correct, and the Chinese have therefore formed a cycle of 60 years, in which period 22 intercalary months occur.

Storm, Wind-Direction, and Hurricane Signals

OF THE WEATHER BUREAU, U. S. DEPARTMENT OF AGRICULTURE.

STORM SIGNALS.

Northeasterly winds.

Southeasterly winds.

Northwesterly winds.

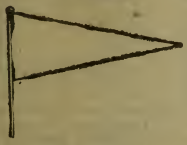
Southwesterly winds.

INFORMATION SIGNALS.

GREAT LAKES.

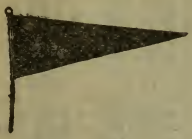
STORM.
Red, Black Centre.

White Pennant.



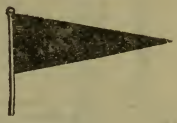
Westerly winds.

Red Pennant.



Easterly winds.

COAST.
Red Pennant.



Storm Signals.—A red flag with a black centre indicates that a storm of marked violence is expected. The pennants displayed with the flags indicate the direction of the wind; red, easterly (from northeast to south); white, westerly (from southwest to north). The pennant above the flag indicates that the wind is expected to blow from the northerly quadrants; below, from the southerly quadrants.

By night a red light indicates easterly winds, and a white light above a red light westerly winds.

Information Signal.—Red or white pennant displayed alone.—When displayed at stations on the Great Lakes indicates that winds are expected which may prove dangerous to tows and smaller classes of vessels, the red pennant indicating easterly and the white pennant westerly winds.

When displayed at stations on the Atlantic, Pacific, and Gulf coasts indicates that the local observer has received information from the Central Office of a storm covering a limited area, dangerous only for vessels about to sail to certain points, and serves as a notification to shipmasters that information will be given them upon application to the local observer. Only the red pennant is displayed on the coasts. No night information or hurricane signals are displayed.

Hurricane Signal.—Two red flags with black centres, displayed one above the other, indicate the expected approach of tropical hurricanes, and also of those extremely severe and dangerous storms which occasionally move across the Lakes and Northern Atlantic coast.

Tornado Statistics.

Property loss by tornadoes. Prepared by the Chief of the U. S. Weather Bureau. (Latest data.)

STATES.	1890	1891	1892	1893	1894	1895	1896	1897	Total.
Alabama	....	$7,000	....	$125,000	$1,500	$30,600	$5,000	$600	$169,700
Arkansas	....	....	$4,500	45,400	508,600	1,000	1,700	22,200	583,400
Florida	....	....	....	....	2,000	....	....	....	2,000
Georgia	$500	....	....	212,500	2,000	22,000	....	6,000	243,000
Illinois	485,500	....	823,500	13,000	....	12,000	103,000	1,000	938,000
Indiana	500	9,500	....	20,000	2,500	12,000	3,000	....	47,500
Iowa	29,000	8,500	58,000	274,500	39,000	60,000	75,000	4,500	548,500
Kansas	....	7,500	371,500	371,500	9,000	120,000	272,000	7,000	935,410
Kentucky	2,841,500	2,500	....	80,000	....	....	6,000	2,000	2,959,000
Louisiana	....	....	....	70,000	6,000	....	90,000	6,000	172,000
Maine	....	....	13,000	....	....	....	....	....	13,000
Maryland	15,000	3,000	....	10,000	....	....	....	....	28,000
Massachusetts	60,000	....	....	....	....	....	....	....	60,000
Michigan	....	....	....	240,000	1,000	....	400,000	4 800	645,800
Minnesota	16,000	15,000	103,500	12,200	419,500	....	2,000	17,000	585,200
Mississippi	...	19,000	....	277,000	8,800	....	5 750	5,000	315,550
Missouri	18,500	71,000	13,000	50,000	1,500	....	12,904,900	....	13,058,900
Nebraska	480,000	6,200	90,000	29,000	1,900	6,000	50,000	....	663,100
New Jersey	....	2,000	8,500	....	....	70,000	....	500	80,500
New York	....	....	25,000	22,000	....	....	....	18,000	65,000
North Carolina	1,000	....	....	20,000	....	....	1,000	....	21,000
Ohio	15,000	....	27,500	....	51,000	....	104,000	....	197,500
Oklahoma & Ind. Ter	....	....	2,000	60,000	2,000	....	5,800	103,000	173,100
Pennsylvania	427,000	1,000	7,000	4,000	....	....	118,009	....	634,000
South Carolina	....	1,000	....	13,000	500	....	1,500	....	16,000
South Dakota	....	400	15,000	....	15,500	29,000	21,000	....	80,900
Tennessee	60,000	....	2,000	22,000	....	6,000	....	....	90,000
Texas	....	28,000	54,000	290,700	119,600	15,000	175,000	....	682,300
Virginia	....	....	....	....	....	....	1,200	....	1,200
Wisconsin	....	4,000	....	3,500	....	100	....	....	7,600
Total	$4,449,500	$186,600	$1,118,000	$2,042,300	$1,192,900	$383,700	$14,348,350	$197,600	$23,047,750

Normal Temperature and Rainfall

IN THE UNITED STATES.

TABLE SHOWING THE NORMAL TEMPERATURE FOR JANUARY AND JULY, AND THE NORMAL ANNUAL PRECIPITATION AT WEATHER BUREAU STATIONS IN EACH OF THE STATES AND TERRITORIES, ALSO THE HIGHEST AND LOWEST TEMPERATURES EVER REPORTED FROM EACH OF SAID STATIONS, TO SEPTEMBER 1, 1899.

(Prepared in the office of the Chief of the Weather Bureau, U. S. Department of Agriculture, for THE WORLD ALMANAC for 1900.)

States and Territories.	Stations.	Temperature: Mean. January.	Temperature: Mean. July.	Temperature: Extremes. Highest.	Temperature: Extremes. Lowest.	Mean Annual Precipitation, Rain and Melted Snow (inches).
Ala.	Mobile	50	82	101	– 1	62.2
	Montgomery	48	82	107	– 5	52.7
Ariz.	Grant, Fort*	43	78	103	7	16.5
	Prescott*	32	73	100	–18	16.4
	Yuma	54	92	118	22	3.0
Ark.	Fort Smith	34	80	107	–15	44.7
	Little Rock	40	81	105	–12	53.6
Cal.	Red Bluff	46	82	114	18	26.1
	Sacramento	46	72	110	19	20.9
	San Diego	54	67	101	32	10.5
Colo.	Denver	27	72	105	–29	14.5
	Las Animas*	22	76	105	–31	13.5
	Montrose*	23	72	98	–20	8.9
Conn.	New Haven	27	72	100	–14	50.3
	New London*	28	71	95	–10	49.1
Del.	Del. Br'kwater*	33	73	93	1	32.6
Dist. of Col.	Washington	33	77	104	–15	43.5
Florida	Jacksonville	55	82	104	10	54.1
	Key West	70	84	100	41	38.5
	Pensacola	52	81	101	7	57.1
Georgia	Atlanta	43	78	100	– 8	52.0
	Augusta	47	82	105	3	48.3
	Savannah	51	82	105	8	51.9
Idaho	Boisé*	28	73	107	–28	13.2
Illinois	Cairo	34	79	103	–16	42.8
	Chicago	24	72	100	–23	34.8
	Springfield	25	77	102	–22	38.0
Indiana	Indianapolis	28	76	101	–25	43.0
Ind. Ter.	Sill, Fort*	35	82	107	– 9	31.2
Iowa	Des Moines	17	75	104	–30	33.1
	Dubuque	17	75	101	–32	35.5
	Keokuk	23	77	104	–24	34.7
Kansas	Dodge	25	78	108	–26	19.8
	Concordia	19	77	106	–25	25.5
	Leavenworth*	24	78	107	–29	38.4
Ky.	Louisville	34	79	105	–20	45.8
La.	New Orleans	54	83	99	7	60.5
	Shreveport	45	83	107	– 5	48.6
Maine	Eastport	20	60	91	–21	45.2
	Portland	23	69	97	–17	42.3
Md.	Baltimore	34	78	104	– 7	43.8
Mass.	Boston	26	71	101	–13	45.0
	Springfield*	26	73	94	–14	47.0
Mich.	Grand Haven	24	69	93	–24	34.8
	Marquette	16	65	100	–27	32.4
	Port Huron	21	69	99	–25	31.6
Minn.	Duluth	10	66	99	–41	31.0
	St. Paul	11	72	100	–41	27.5
	St. Vincent*	–8	65	103	–54	16.6
Miss.	Vicksburg	47	82	101	– 1	55.7
Mo.	St. Louis	30	79	106	–22	41.1
	Springfield	32	75	102	–29	45.7
Mon.	Havre	9	67	108	–55	14.1
	Custer, Fort*	14	71	107	–48	13.0
	Poplar River*	–5	69	110	–63	10.8
Neb.	North Platte	19	74	107	–35	18.3
	Omaha	19	76	106	–32	31.7
	Valentine	14	74	106	–38	19.1
Nevada	Winnemucca	28	72	104	–28	8.5
N. C.	Charlotte	51	79	102	– 5	52.0
	Hatteras	44	78	92	8	66.4
	Wilmington	47	80	103	5	54.3
N. Dak.	Bismarck	4	67	105	–44	18.4
	Williston	3	68	107	–49	14.0
N. H.	Manchester*	22	69	96	–11	41.9
N. J.	Atlantic City	32	72	99	– 7	42.7
	Cape May	34	74	91	– 3	47.2
	New Brunswick	28	74	100	–10	46.8
N. Mex.	Santa Fé	28	68	97	–13	14.2
	Stanton, Fort*	34	68	95	–18	17.3
N. Y.	Albany	23	73	100	–18	37.9
	New York City	30	74	100	– 6	44.8
	Oswego	25	69	100	–23	35.0
Ohio	Cincinnati	33	78	104	–17	39.9
	Columbus	28	75	103	–20	38.9
	Toledo	26	74	99	–16	30.9
Oregon	Portland	39	67	102	– 2	46.8
	Roseburg	40	66	104	– 6	35.2
	Umatilla*	32	73	110	–24	9.7
Pa.	Erie	27	72	94	–16	41.3
	Philadelphia	32	76	102	– 6	39.8
	Pittsburgh	30	74	103	–20	36.7
R. I.	Block Island	30	69	88	– 4	44.2
	Newport*	30	70	92	– 8	50.0
S. C.	Charleston	49	82	104	7	56.7
S. Dak.	Yankton	13	74	103	–34	26.8
Tenn.	Chattanooga	41	78	101	–10	55.0
	Memphis	40	81	102	– 9	53.3
	Nashville	38	80	104	–13	50.1
Texas	Elliott, Fort*	30	77	108	–14	24.5
	Brownsville*	57	84	102	18	36.9
	El Paso	44	82	113	– 5	9.3
	Palestine	43	82	104	– 6	46.5
Utah	Frisco*	30	73	93	– 9	7.6
	Salt Lake	28	76	102	–20	16.2
Vt.	Burlington*	19	71	97	–25	28.8
Va.	Lynchburg	36	78	102	– 6	42.8
	Norfolk	40	79	102	2	52.1
	Dayton*	30	68	109	–26	27.8
Wash.	Olympia*	38	62	97	– 2	53.1
	Tatoosh Island*	40	56	80	7	92.6
W. Va.	Morgantown*	35	74	97	–25	46.9
Wis.	La Crosse	15	73	101	–43	30.7
	Milwaukee	19	69	100	–25	32.1
Wyo.	Bridger, Fort*	19	64	89	–42	8.7
	Cheyenne	25	67	100	–38	12.2
	Washakie, Fort*	10	67	100	–54	11.0

The minus (—) sign indicates temperature below zero. * Not now a station of the Weather Bureau, and report is therefore for the period preceding its discontinuance as a station.

Temperature and Rainfall of Foreign Cities.

Cities.	Mean Annual Temperature.	Annual Average Rainfall, Inches.	Cities.	Mean Annual Temperature.	Annual Average Rainfall, Inches.	Cities.	Mean Annual Temperature.	Annual Average Rainfall, Inches.
Alexandria	69.0	10	Florence	59.2	41	Munich	48.4	.....
Algiers	64.3	27	Frankfort	50.0	.....	Naples	60.3	30
Amsterdam	49.9	.....	Geneva	52.7	32	Nice	58.0	29
Archangel	33.0	.....	Genoa	61.1	47	Odessa	48.0	.....
Astrakhan	50.1	6	Glasgow	49.8	44	Pará	81.0	71
Athens	63.0	.....	Hague	52.0	.....	Paris	51.3	22
Bagdad	74.0	.....	Hamburg	47.0	.....	Peking	53.0	27
Barcelona	63.0	.....	Havana	79.1	91	Port Said	.....	2
Berlin	48.2	24	Hong Kong	73.0	101	Prague	50.2	14
Bermuda	72.0	55	Honolulu	75.0	.....	Quebec	40.3	.....
Berne	46.0	46	Iceland	39.0	30	Quito	60.9	.....
Birmingham	48.2	.....	Jerusalem	62.6	16	Rio de Janeiro	77.2	29
Bombay	81.3	75	Lima	73.3	.....	Rome	60.5	31
Bordeaux	57.0	30	Lisbon	61.4	27	Rotterdam	51.0	23
Brussels	50.0	29	London	50.8	25	San Domingo	81.3	108
Budapest	51.9	17	Lyons	53.0	28	Shanghai	59.0	.....
Buenos Ayres	62.8	.....	Madeira	66.0	25	Smyrna	60.0	24
Cairo	72.2	.....	Madrid	58.2	9	St. Petersburg	39.6	17
Calcutta	82.4	76	Malta	66.0	20	Stockholm	42.3	20
Canton	71.0	39	Manchester	48.8	36	Sydney	65.8	49
Cape Town	62.0	23	Manila	78.4	.....	Tobolsk	32.0	.....
Cayenne	.....	116	Maranham	.....	277	Trieste	55.0	43
Cherrapongee*	.....	610	Marseilles	58.3	23	Valdivia	52.0	106
Christiania	41.5	.....	Melbourne	57.0	29	Valparaiso	64.0	.....
Constantinople	56.5	.....	Mexico	60.9	.....	Venice	55.4	.....
Copenhagen	46.6	19	Milan	55.1	38	Vera Cruz	77.0	180
Delhi	77.0	24	Montevideo	62.0	44	Vienna	51.0	19
Dublin	50.1	29	Montreal	44.6	.....	Warsaw	56.2	.....
Edinburgh	47.1	38	Moscow	40.0	.....			

* In Southwestern Assam. It is the wettest place in the world. In 1861 the rainfall there reached 905 inches.

NOTE.—The mean annual temperature of the globe is 50° Fahr. The average rainfall is 36 inches.

Velocity of Winds in the United States.

AVERAGE hourly velocity of the wind at selected stations of the United States Weather Bureau, also the highest velocity ever reported for a period of five minutes. (Prepared by W. L. Moore, Chief of the Weather Bureau, and revised to October 1, 1899, for THE WORLD ALMANAC.)

Stations.	Average Hourly Velocity.	Highest Ever Reported.	Stations.	Average Hourly Velocity.	Highest Ever Reported.	Stations.	Average Hourly Velocity.	Highest Ever Reported.
	Mi.	Mi.		Mi.	Mi.		Mi.	Mi.
Abilene, Texas	11	66	El Paso, Texas	5	78	Philadelphia, Pa	10	75
Albany, N. Y	6	70	Fort Smith, Ark	5	49	Pittsburgh, Pa	6	42
Alpena, Mich	9	72	Galveston, Texas	10	72	Portland, Me	5	54
Atlanta, Ga	9	49	Havre, Mont	11	76	Red Bluff, Cal	7	60
Bismarck, N. D	8	74	Helena, Mont	6	60	Rochester N. Y	11	78
Boisé City, Idaho	4	40	Huron, S. D	10	69	St. Louis, Mo	11	80
Boston, Mass	11	72	Jacksonville, Fla	6	70	St. Paul, Minn	7	60
Buffalo, N. Y	11	90	Keokuk, Iowa	8	60	St. Vincent, Minn	9	65
Charlotte, N. C	5	49	Knoxville, Tenn	5	84	Salt Lake City, Utah	5	60
Chattanooga, Tenn	6	60	Leavenworth, Kan	7	60	San Diego, Cal	6	40
Chicago, Ill	9	84	Louisville, Ky	7	57	San Francisco, Cal	9	60
Cincinnati, Ohio	7	59	Lynchburg, Va	4	50	Santa Fé, N. M	6	51
Cleveland, Ohio	9	66	Memphis, Tenn	6	54	Savannah, Ga	7	80
Custer, Mont	7	72	Montgomery, Ala	5	48	Spokane, Wash	4	48
Denver, Col	7	96	Nashville, Tenn	6	75	Toledo, Ohio	9	72
Detroit, Mich	9	76	New Orleans, La	7	60	Vicksburg, Miss	6	60
Dodge City, Kan	11	75	New York City, N. Y.	9	73	Washington, D. C	5	66
Dubuque, Iowa	5	60	North Platte Neb	9	96	Wilmington, N. C	7	68
Duluth, Minn	7	78	Omaha, Neb	8	60			
Eastport, Me	9	78	Palestine, Texas	8	60			

STANDARD TABLE SHOWING VELOCITY AND FORCE OF WINDS.

Description.	Miles per Hour.	Feet per Minute.	Feet per Second.	Force in lbs. per Square Foot.	Description.	Miles per Hour.	Feet per Minute.	Feet per Second.	Force in lbs. per Square Foot.
Perceptible	1	88	1.47	.005	High wind	30	2,640	44.0	4.428
Just perceptible	2	176	2.93	.020		35	3,080	51.3	6.027
	3	264	4.4	.044	Very high wind	40	3,520	58.6	7.872
Gentle breeze	4	352	5.87	.079		45	3,960	66.0	9.963
	5	440	7.33	.123	Storm	50	4,400	73.3	12.300
Pleasant breeze	10	880	14.67	.492	Great storm	60	5,280	88.0	17.712
	15	1,320	22.0	1.107		70	6,160	102.7	24.108
Brisk gale	20	1,760	29.3	1.968	Hurricane	80	7,040	117.3	31.488
	25	2,200	36.6	3.075		100	8,800	146.6	49.200

High-Tide Tables.

FOR GOVERNOR'S ISLAND, NEW YORK HARBOR.

(Specially prepared from the Tide-Tables of the United States Coast and Geodetic Survey for THE WORLD ALMANAC.)

New York Mean Time. To express in Eastern Standard Time, subtract 4 minutes.

1900.	January.		February.		March.		April.		May.		June.	
Day of Month.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	7 34	8 4	8 56	9 29	7 50	8 19	9 4	9 33	9 34	9 59	11 0	11 10
2	8 23	8 54	9 46	10 19	8 38	9 7	9 50	10 21	10 33	10 49	11 53	11 54
3	9 13	9 46	10 34	11 10	9 24	9 55	10 40	11 13	11 19	11 40	...	12 46
4	10 3	10 39	11 23	....	10 11	10 45	11 34	....	....	12 20	12 39	1 37
5	10 53	11 33	12 4	12 16	10 59	11 39	12 9	12 39	12 35	1 25	1 24	2 28
6	11 45	....	1 4	1 16	11 53	....	1 9	1 52	1 32	2 30	2 11	3 15
7	12 29	12 41	2 6	2 26	12 35	12 55	2 14	3 14	2 32	3 26	3 6	3 59
8	1 29	1 42	3 10	3 39	1 39	2 8	3 17	4 7	3 27	4 14	4 1	4 43
9	2 32	2 46	4 11	4 45	2 44	3 24	4 14	4 57	4 17	4 55	4 46	5 24
10	3 34	3 54	5 7	5 44	3 48	4 30	5 4	5 39	5 2	5 32	5 35	6 5
11	4 31	4 56	5 59	6 34	4 40	5 25	5 46	6 15	5 42	6 7	6 24	6 48
12	5 26	5 55	6 44	7 17	5 35	6 12	6 24	6 48	6 19	6 42	7 9	7 32
13	6 17	6 47	7 25	7 55	6 20	6 51	6 59	7 19	6 55	7 18	7 55	8 16
14	7 4	7 35	8 3	8 31	6 59	7 25	7 31	7 50	7 33	7 54	8 43	9 2
15	7 48	8 19	8 37	9 4	7 33	7 56	8 3	8 23	8 12	8 34	9 31	9 50
16	8 29	9 0	9 7	9 33	8 5	8 27	8 34	8 56	8 54	9 16	10 24	10 40
17	9 6	9 36	9 36	9 59	8 34	8 56	9 11	9 34	9 39	10 3	11 18	11 31
18	9 40	10 10	10 3	10 33	9 3	9 25	9 49	10 17	10 29	10 51	...	12 15
19	10 9	10 39	10 30	11 8	9 33	10 0	10 34	11 4	11 25	11 45	12 25	1 15
20	10 35	11 12	11 6	11 51	10 5	10 39	11 29	11 59	....	12 29	1 26	2 18
21	11 4	11 46	11 51	....	10 46	11 24	....	12 32	12 44	1 35	2 31	3 20
22	11 36	....	12 43	12 44	11 34	....	1 1	1 48	1 50	2 41	3 37	4 19
23	12 30	12 19	1 45	1 52	12 16	12 33	2 11	3 1	2 56	3 43	4 41	5 16
24	1 22	1 10	2 54	3 18	1 20	1 47	3 20	4 5	4 0	4 40	5 41	6 9
25	2 21	2 14	4 5	4 40	2 30	3 11	4 25	5 3	5 1	5 34	6 36	6 59
26	3 25	3 31	5 9	5 46	3 43	4 26	5 24	5 55	5 57	6 26	7 29	7 46
27	4 28	4 53	6 7	6 41	4 48	5 26	6 18	6 45	6 50	7 15	8 19	8 33
28	5 30	6 1	7 1	7 31	5 46	6 19	7 11	7 34	7 41	8 4	9 6	9 16
29	6 25	6 59	....	....	6 39	7 9	7 56	8 23	8 31	8 52	9 51	9 59
30	7 19	7 51	....	....	7 29	7 56	8 44	9 11	9 20	9 39	10 34	10 36
31	8 9	8 40	....	....	8 16	8 44	....	....	10 9	10 25	....	....

1900.	July.		August.		September.		October.		November.		December.	
Day of Month.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.	A. M.	P. M.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	11 14	11 11	11 34	11 22	....	12 16	12 5	12 45	2 22	2 40	3 5	3 20
2	11 54	11 41	....	12 13 / 11 57	12 17	1 13	1 13	1 52	3 29	3 48	4 6	4 24
3	....	12 33	....	12 59	1 20	2 20	2 34	3 4	4 30	4 49	5 3	5 25
4	12 10	1 14	12 44	1 54	2 43	3 31	3 51	4 14	5 25	5 46	5 57	6 22
5	12 44	1 59	1 43	2 57	4 10	4 39	4 54	5 16	6 17	6 39	6 50	7 15
6	1 31	2 53	2 59	4 3	5 17	5 41	5 49	6 11	7 7	7 30	7 40	8 7
7	2 30	3 46	4 24	5 4	6 13	6 34	6 41	7 2	7 58	8 21	8 29	8 59
8	3 41	4 40	5 36	6 1	7 4	7 24	7 29	7 50	8 47	9 11	9 18	9 50
9	4 54	5 33	6 34	6 54	7 52	8 11	8 17	8 38	9 35	10 4	10 4	10 43
10	5 57	6 24	7 25	7 44	8 39	8 58	9 5	9 25	10 26	10 58	10 53	11 34
11	6 51	7 13	8 14	8 32	9 26	9 44	9 55	10 16	11 19	11 58	11 40	....
12	7 43	8 1	9 1	9 19	10 16	10 33	10 47	11 11	....	12 16	12 27	12 27
13	8 31	8 49	9 49	10 5	11 9	11 25	11 53	....	1 3	1 11	1 21	1 14
14	9 20	9 36	10 40	10 53	....	12 4	12 16	12 42	2 6	2 9	2 13	2 0
15	10 10	10 25	11 33	11 45	12 25	1 7	1 24	1 46	3 4	3 7	3 3	2 53
16	11 2	11 14	....	12 29	1 38	2 13	2 37	2 51	3 56	4 0	3 48	3 46
17	11 54	....	12 42	1 31	2 53	3 19	3 43	3 51	4 41	4 48	4 31	4 37
18	12 6	12 53	1 50	2 36	4 3	4 20	4 35	4 43	5 20	5 31	5 13	5 26
19	1 4	1 54	3 4	3 41	5 3	5 14	5 21	5 30	5 56	6 9	5 54	6 13
20	2 8	2 57	4 15	4 41	5 52	6 1	6 0	6 11	6 32	6 46	6 35	6 56
21	3 18	4 0	5 18	5 36	6 33	6 42	6 35	6 47	7 7	7 24	7 16	7 41
22	4 25	4 58	6 12	6 25	7 11	7 21	7 9	7 21	7 42	8 0	7 59	8 25
23	5 29	5 53	6 59	7 9	7 44	7 55	7 40	7 53	8 19	8 39	8 43	9 10
24	6 25	6 44	7 39	7 49	8 16	8 25	8 11	8 24	8 59	9 20	9 28	9 59
25	7 16	7 29	8 17	8 25	8 45	8 54	8 44	8 54	9 41	10 6	10 14	10 49
26	8 2	8 14	8 50	8 57	9 15	9 19	9 19	9 32	10 26	10 58	11 2	11 42
27	8 44	8 54	9 23	9 26	10 45	9 51	9 56	10 14	11 16	11 55	11 52	....
28	9 24	9 29	9 52	9 51	10 20	10 26	10 40	11 4	....	12 10	12 39	12 49
29	9 59	10 3	10 19	10 16	11 1	11 11	11 29	....	12 59	1 9	1 39	1 49
30	10 32	10 28	10 52	10 49	11 49	....	12 4	12 26	2 3	2 15	2 42	2 55
31	11 3	10 54	11 29	11 29	....	....	1 9	1 31	....	....	3 44	4 4

HIGH-TIDE TABLES—*Continued.*

TIME OF HIGH WATER AT POINTS ON THE ATLANTIC COAST

The local time of high water at the following places may be found approximately for each day by adding to or subtracting from the time of high water at Governor's Island, N. Y., the hours and minutes annexed.

		H.	M.			H.	M.
Albany, N. Y.	add	9	31	New Haven, Ct.	add	3	1
Annapolis, Md.	add	8	57	New London, Ct.	add	1	22
Atlantic City, N. J.	sub.		20	Newport, R. I.	sub.		22
Baltimore, Md.	add	10	52	Norfolk, Va.	add		58
Bar Harbor, Me.	add	2	46	Norwich, Ct.	add	2	0
Beaufort, S. C.	sub.		8	Old Point Comfort, Va.	add		39
Block Island, R. I.	sub.		34	Philadelphia, Pa.	add	5	41
Boston, Mass.	add	3	22	Plymouth, Mass.	add	3	12
Bridgeport, Ct.	add	3	2	Point Lookout, Md.	add	4	49
Bristol, R. I.	sub.		14	Portland, Me.	add	3	10
Cape May, N. J.	add		10	Portsmouth, N. H.	add	3	16
Charleston, S. C.	sub.		42	Poughkeepsie, N. Y.	add	3	51
Eastport, Me.	add	3	0	Providence, R. I.	add		7
Fernandina, Fla.	sub.		18	Richmond, Va.	add	8	48
Gloucester, Mass.	add	2	55	Rockaway Inlet, N. Y.	sub.		25
Hell Gate Ferry, East River N. Y.	add	1	53	Rockland, Me.	add	3	1
Isles of Shoals, N. H.	add	3	11	Rockport, Mass.	add	2	50
Jacksonville, Fla.	add		37	Salem, Mass.	add	3	9
Key West, Fla.	add	1	24	Sandy Hook, N. J.	sub.		32
League Island, Pa.	add	5	23	Savannah, Ga.	add		7
Marblehead, Mass.	add	3	2	Southport (Smithville), N. C.	sub.		43
Nahant, Mass.	add	3	2	Vineyard Haven, Mass.	add	3	36
Nantucket, Mass.	add	4	21	Washington, D. C.	add	12	1
Newark, N. J.	add		54	Watch Hill, R. I.	add		42
New Bedford, Mass.	sub.		10	West Point, N. Y.	add	2	47
Newburyport, Mass.	add	3	16	Wilmington, N. C.	add	1	0

EXAMPLE.—To find the approximate time of high tide at Atlantic City, N. J., on any day, find first the time of high water at New York under the desired date, and then subtract 20 minutes, as in the above table; the result is the time of high water required.

Greatest Altitude in Each State.

FROM THE RECORDS OF THE UNITED STATES GEOLOGICAL SURVEY.

STATE OR TERRITORY.	Name of Place.	Heig't Feet.	STATE OR TERRITORY.	Name of Place.	Heig't Feet.
Alabama	Cheauha Mt. (Talladega Co.)	2,407	Montana	Mt. Douglas	11,300
Alaska	Mt. McKinley	20,460	Nebraska	White River Summit	4,876
Arizona	San Francisco Mt.	12,794	Nevada	Wheeler Peak	13,036
Arkansas	Magazine Mt.	2,800	N. Hampshire.	Mt. Washington	6,286
California	Mt. Whitney	14,898	New Jersey	Kittatinny Mt.	1,630
Colorado	Blanca Peak	14,464	New Mexico	Cerro Blanco	14,269
Connecticut	Bear Mt.	2,355	New York	Mt. Marcy (Adirondack)	5,379
Delaware	Dupont	282	North Carolina	Mt. Mitchell	6,703
D. of Columbia	Tenley	400	North Dakota	Sentinel Butte	2,707
Florida	Mossyhead	263	Ohio	Ontario	1,376
Georgia	Enota Mt.	4,798	Oklahoma		*
Idaho	Hyndman Peak	12,073	Oregon	Mt. Hood	11,225
Illinois	Warren	1 009	Pennsylvania	Negro Mt.	2,826
Indiana	Haley	1,140	Rhode Island	Durfee Hill	805
Indian Territ'y	Sugarloaf	2,600	South Carolina	Rocky Mt. (Pickens Co.)	3,600
Iowa	Ocheyedan	1,554	South Dakota	Harney Peak	7,368
Kansas	Kanarado	3,906	Tennessee	Mt. Lecontes	6,612
Kentucky	Big Black Mt. (Harlan Co.)	4,100	Texas	Chinati	7,730
Louisiana	Mansfield	321	Utah	Mt. Emmons	13,694
Maine	Katahdin Mt.	5,200	Vermont	Mt. Mansfield	4,430
Maryland	Great Backbone Mt.	3,400	Virginia	Mt. Rogers (Grayson Co.)	5,719
Massachusetts	Mt. Greylock	3,535	Washington	Mt. Rainier	14,500
Michigan	Porcupine Mt.	2,023	West Virginia	Spruce Mt. (Pendleton Co.)	4,860
Minnesota	Mesabi Range	2,000	Wisconsin	Summit Lake	1,732
Mississippi	Pontotoc Ridge	566	Wyoming	Frémont Peak	13,790
Missouri	Cedar Gap	1,675			

NOTE.—The above table was prepared for THE WORLD ALMANAC by the Geographic Branch of the United States Geological Survey. It should be stated in connection with this table that it presents only points whose heights are matters of record, and that in several cases in the high mountain region of the far West and the Pacific Slope it is well known that there are higher points within the State or Territory whose heights are not yet known with accuracy, and consequently cannot be given.

This table was revised by the United States Geological Survey to November 1, 1899.

* Western end of Beaver County, Oklahoma, reaches 5,000 feet elevation.

Latitude and Longitude Table.

(LONGITUDE RECKONED FROM GREENWICH.)

Specially prepared for THE WORLD ALMANAC.

	° ′ ″	H. M. S.
Acapulco, Mex.	16 50 56 N.	6 39 41.8 W.
Adelaide, S. Australia*	34 55 38 S.	9 14 20.3 E.
Aden, Arabia	12 46 40 N.	2 59 55.8 E.
Albany, N. Y.*	42 39 13 N.	4 55 6.8 W
Algiers*	36 47 50 N.	0 12 11.4 E.
Allegheny, Pa.*	40 27 42 N.	5 20 2.9 W.
Alexandria, Egypt	31 11 43 N.	1 59 26.7 E.
Amherst, Mass.*	42 22 17 N.	4 50 4.7 W.
Ann Arbor, Mich.*	42 16 48 N.	5 34 55.2 W.
Annapolis, Md.*	38 58 54 N.	5 5 56.5 W.
Antipodes Island	49 42 0 S.	11 54 52.3 E.
Apia, Samoa	13 48 56 S.	11 26 59.7 E.
Archangel, Russia	64 32 6 N.	2 42 14.0 E.
Armagh, Ireland*	54 21 13 N.	0 26 35.4 W.
Aspinwall, S. A., Lt.	9 22 9 N.	5 19 39.0 W.
Astoria, Ore.	46 11 19 N.	8 15 18.8 W.
Athens, Greece*	37 58 21 N.	1 34 54.9 E.
Attu Island, Alaska	52 56 1 N.	11 32 49.6 E.
Bahia, Brazil	13 0 37 S.	2 34 8.4 W.
Baltimore, Md.	39 17 48 N.	5 6 26.0 W.
Batavia, Java	6 7 40 S.	7 7 13.7 E.
Belize, Honduras	17 29 20 N.	5 52 46.7 W.
Belle Isle, Lt.	51 53 0 N.	3 41 29.5 W.
Berlin, Prussia*	52 30 17 N.	0 53 34.9 E.
Bermuda, Dock Yard	32 19 24 N.	4 19 18.3 W.
Bombay*	18 53 45 N	4 51 15.7 E.
Bonn, Germany*	50 43 45 N.	0 28 23.3 E.
Bordeaux, France*	44 50 17 N.	0 2 5.4 W.
Boston State House	42 21 28 N.	4 44 15.3 W.
Bridgetown, Barbadoes	13 5 42 N.	3 58 29.3 W.
Brussels, Belgium*	50 51 10 N.	0 17 28.6 E.
Buenos Ayres	34 36 30 S.	3 53 28.9 W.
Calcutta	22 33 25 N.	5 53 20.7 E.
Callao, Chile, Lt.	12 4 3 S.	5 9 3.0 W.
Cambridge, Eng.*	52 12 52 N.	0 0 22.7 E.
Cambridge, Mass.*	42 22 48 N	4 44 31.0 W.
Canton, China	23 6 35 N.	7 33 46.3 E.
Cape Cod, Mass., Lt.	42 2 21 N.	4 40 14.6 W.
C. Hatteras, N. C., Lt.	35 15 14 N.	5 2 5.0 W.
Cape Henry, Va., Lt.	36 55 29 N.	5 4 2.0 W.
Cape Horn	55 58 41 S.	4 29 5.0 W.
Cape May, N. J., Lt.	38 55 56 N.	4 59 50.7 W.
Cape Good Hope, Lt.	34 21 12 S.	1 13 58.0 E.
Cape Prince of Wales	65 33 30 N.	11 11 56.8 W.
Charleston, S. C., Lt.	32 41 44 N.	5 19 32.0 W.
Charlottetown, P. E. I.	46 13 55 N.	4 12 27.5 W.
Cherbourg, France	49 38 54 N.	0 6 32.5 W.
Chicago, Ill.*	41 50 1 N.	5 50 26.7 W.
Christiania, Nor.*	59 54 44 N.	0 42 53.8 E.
Cincinnati, O.*	39 8 19 N.	5 37 41.3 W.
Clinton, N. Y.*	43 3 17 N.	5 1 37.4 W.
Colombo, Ceylon	6 55 40 N	5 19 21.9 E.
Constantinople	41 0 30 N.	1 56 3.7 E.
Copenhagen*	55 41 13 N.	0 50 18.8 E.
Demerara (Geo' town Lt)	6 49 20 N.	3 52 46.0 W.
Denver, Col.*	39 40 36 N.	6 59 47.6 W.
Dublin, Ireland*	53 23 13 N.	0 25 21.1 W.
Edinburgh*	55 57 23 N.	0 12 43.1 W.
Esquimault, B. C., Lt.	48 25 40 N.	8 13 47.1 W.
Father Point, Que., Lt.	48 31 25 N.	4 33 49.2 W.
Fayal, Azores	38 32 9 N.	1 54 16.0 W.
Fernandina, Fla.	30 40 18 N.	5 25 51.1 W.
Florence, Italy*	43 46 4 N.	0 45 1.5 E.
Funchal, Madeira	32 38 4 N.	1 7 35.6 W.
Galveston, Tex.	29 18 17 N.	6 19 9.7 W.
Geneva, Switzerland*	46 11 59 N.	0 24 36.8 E.
Glasgow, Scotland*	55 52 43 N.	0 17 10.6 W.
Gibraltar	36 6 30 N.	0 21 23.3 W.
Greenwich, Eng.*	51 28 38 N.	0 0 0.0 —
Halifax, N. S.	44 39 38 N.	4 14 21.1 W.
Hamburg, Ger.*	53 33 7 N.	0 39 53.8 E.
Hanover, N. H.*	43 42 15 N.	4 49 7.9 W.
Havana, Cuba	23 9 21 N.	5 29 26.0 W.
Hobart Town, Tas.	42 53 25 S.	9 49 20.5 E.
Hong Kong, China*	22 18 12 N.	7 36 41.9 E.
Honolulu (Reef Lt.)	21 17 55 N.	10 31 28.0 W.
Key West, Fla., Lt.	24 32 58 N.	5 27 12.3 W.
Kingston, Jam.	17 57 41 N.	5 7 10.7 W.
Lisbon, Portugal*	38 42 31 N.	0 36 44.7 W.
Liverpool*	53 24 5 N.	0 12 17.3 W.

	° ′ ″	H. M. S.
Madison, Wis.*	43 4 37 N.	5 57 37.8 W.
Madras, India*	13 4 8 N.	5 20 59.4 E.
Madrid, Spain*	40 24 30 N.	0 14 45.4 W.
Manila, Lt	14 35 25 N.	8 3 50.0 E.
Marseilles*	43 18 18 N.	0 21 34.6 E.
Melbourne, Vic.*	37 49 53 S.	9 39 54.1 E.
Mexico (city)*	19 26 2 N.	6 36 26.7 W.
Monrovia, Liberia	6 19 5 N.	0 43 15.7 W.
Montreal, Que.*	45 30 17 N.	4 54 18.7 W.
Moscow*	55 45 20 N.	2 30 17.2 E.
Mount Hamilton, Cal.*	37 20 24 N.	8 6 34.1 W.
Munich*	48 8 45 N.	0 46 26.1 E.
Nain, Labrador	56 32 51 N.	4 6 42.7 W.
Naples*	40 51 46 N.	0 57 1.8 E.
Nashville, Tenn.*	36 8 54 N.	5 47 12.0 W.
Nassau, Bahamas	25 5 37 N.	5 9 27.8 W.
Natal, S. Africa*	29 50 47 S.	2 4 1.2 E.
New Haven, Ct.*	41 18 36 N.	4 51 42.1 W
New Orleans (Mint)	29 57 46 N.	6 0 13.9 W.
New York (Colu. Col.)*	40 45 23 N.	4 55 53.6 W.
Nice, France*	43 43 17 N.	0 29 12.2 E.
Norfolk, Va. (Navy Yd)	36 49 33 N.	5 5 11.0 W.
North Cape	71 11 0 N.	1 42 40.0 E.
Northfield, Minn.*	44 27 42 N.	6 12 35.8 W.
Odessa, Russia*	46 28 37 N.	2 3 2.2 E.
Ogden, Utah*	41 13 8 N.	7 27 59.6 W.
Oxford, Eng. (Univ.)*	51 45 34 N.	0 5 0.4 W.
Panama, Colombia	8 57 6 N.	5 18 8.8 W.
Para, Brazil	1 26 59 S.	3 14 0.0 W.
Paris, France*	48 50 12 N.	0 9 20.9 E.
Pensacola, Fla., Lt	30 20 47 N.	5 49 14.1 W.
Pernambuco, Brazil, Lt.	8 3 22 S.	2 19 27.8 W.
Port au Prince, Hayti	18 33 54 N.	4 49 28.0 W.
Philadelphia, Pa.*	39 57 7 N.	5 0 38.5 W.
P. Barrow (H. lat. U. S.)	71 27 0 N.	10 25 00.0 W.
Portland, Me.	43 39 28 N.	4 41 1.2 W.
Port Louis, Mauritius	20 8 46 S.	3 49 57.7 E.
Port Said, Egypt, Lt.	31 15 45 N.	2 9 15.5 E.
Port Spain, Trinidad	10 38 39 N.	4 6 2.5 W.
P. Stanley, Falkland Is.	51 41 10 S.	3 51 26.0 W.
Prague, Bohemia*	50 5 19 N.	0 57 40.3 E.
Princeton, N. J.*	40 20 58 N.	4 58 37.5 W.
Providence, R. I.*	41 49 46 N.	4 45 37.5 W.
Quebec, Que.*	46 47 59 N.	4 44 52.6 W.
Richmond, Va.	37 32 16 N.	5 9 44.0 W.
Rio de Janeiro*	22 54 24 S.	2 52 41.4 W.
Rochester, N. Y.*	43 9 17 N.	5 10 21.8 W.
Rome, Italy*	41 53 54 N.	0 49 55.6 E.
Saigon, Cochin-China*	10 46 47 N.	7 6 48.7 E.
San Diego, Cal.	32 43 6 N.	7 48 38.7 W.
Sandy Hook, N. J., Lt.	40 27 40 N.	4 56 0.6 W.
San Francisco, Cal.*	37 47 28 N.	8 9 42.8 W.
San Juan de Porto Rico	18 28 56 N.	4 24 29.8 W.
Santiago de Cuba	20 0 16 N.	5 3 22.0 W.
Savannah, Ga.	32 4 52 N.	5 24 21.7 W.
Seattle, Wash.	47 35 54 N.	8 9 19.9 W.
Shanghai, China	31 14 42 N.	8 5 55.7 E.
Singapore, India	1 17 11 N.	6 55 25.0 E.
St. Helena Island	15 55 0 S.	0 22 52.0 W.
St. John's, Newfo'land	47 34 2 N.	3 30 43.6 W.
St. Louis, Mo.*	38 38 4 N.	6 0 49.1 W.
St. Petersburg, Russia*	59 56 30 N.	2 1 13.5 E.
Stockholm*	59 20 33 N.	1 12 14.0 E.
Suakim, E. Africa, Lt.	19 7 0 N.	2 29 16.6 E.
Sydney, N. S. W.*	33 51 41 S.	10 4 49.5 E.
Tokio, Japan*	35 39 17 N.	9 18 58.0 E.
Tunis (Goletta Lt.)	36 48 36 N.	0 41 14.5 E.
Utrecht, Netherlands*	52 5 10 N.	0 20 31.7 E.
Valparaiso, Chile	33 1 53 S.	4 46 34.8 W
Venice, Italy*	45 26 10 N.	0 49 22.1 E.
Vera Cruz, Mex., Lt.	19 12 29 N.	6 24 31.8 W.
Victoria, B. C., Lt.	48 25 26 N.	8 13 33.8 W.
Vienna, Austria*	48 13 55 N.	1 5 21.5 E.
Warsaw, Russia*	52 13 6 N.	1 24 7.4 E.
Washington, D. C.*	38 55 15 N.	5 8 15.7 W.
Wellington, N. Z.*	41 18 1 S.	11 39 6.5 E.
West Point, N. Y.*	41 23 22 N.	4 55 50.6 W.
Williamstown, Mass.*	42 42 30 N.	4 52 50.4 W.
Yokohama, Japan	35 26 24 N.	9 18 36.9 E.
Zanzibar (E. Consulate)	6 9 43 S.	2 36 44.7 E.

* Observatories. Lt. denotes a light-house.

(*Revised December*, 1899, *at the New York Post-Office, for* THE WORLD ALMANAC.)

DOMESTIC RATES OF POSTAGE.

ALL mailable matter for transmission by the United States mails within the United States is divided into four classes, under the following regulations:

First-Class Matter.—This class includes letters, postal cards, and anything sealed or otherwise closed against inspection, or anything containing writing not allowed as an accompaniment to printed matter under class three.

Rates of letter postage to any part of the United States, *two cents per ounce or fraction thereof.*

Rates on local or drop letters at free delivery offices, two cents per ounce or fraction thereof. At offices where there is no free delivery by carriers, one cent per ounce or fraction thereof.

Rates on **postal cards**, one cent (double or "reply" cards, two cents). Nothing must be added or attached to a postal card, except that a printed address slip may be pasted on the address or message side. The addition of anything else subjects the card to letter postage. A card containing any threat, offensive dun, or any scurrilous or indecent communication will not be forwarded. The rule that has heretofore existed excluding from the face of a postal card words indicating the occupation or business of the addressee has been revoked. In future these additions, or others of a like general character, will be held to be constructively a part of the address, and therefore permissible. Cards that have been spoiled in printing or otherwise will not be redeemed.

"PRIVATE MAILING CARDS" bearing written messages may be transmitted in the mails, domestic and foreign, at the rate of a cent apiece, stamps to be affixed by the sender; such cards to be sent openly in the mails, to be no larger, and to be approximately of the same form, quality, and weight as the stamped postal card now in general use in the United States.

To be entitled to the privileges given by this act of Congress, mailing cards must conform to the following conditions:

1. Each card must be an unfolded piece of cardboard, not exceeding 3¼ by 5½ inches, and not less than 2 15-16 by 4 15-16 inches in size.
2. The quality and weight must be substantially that of the Government postal card of like size.
3. They may be of any color which does not interfere with the legibility of the address.
4. Each card must bear these words at the top of the address side: "Private Mailing Card—Authorized by act of Congress of May 19, 1898," placed thereon by means of printing or hand-stamp.
5. Cards conforming to the conditions of paragraphs 1 to 4, inclusive, are admissible for transmission in the domestic mails, including Porto Rico, Guam, and the Philippine Islands, and to places in Canada and Mexico, at the postage rate of one cent each, prepaid by stamps affixed.
6. Cards conforming to the conditions of paragraphs 1 to 4, inclusive, will be rendered admissible to the Postal Union mails by the addition of the words "Postal Card—Carte Postale" on the face near the top, either by writing, printing, or hand-stamp, at the postage rate of two cents each, prepaid by stamps affixed.
7. The message on the cards may be in writing or in print, and the message side may bear advertisements and illustrations in any color.
8. The face of the cards shall be reserved for postage stamps, postmarks, and addresses, which latter may be in writing, printing, or by means of a stamp or adhesive label of not more than three-fourths of an inch by two inches in size; provided that the sender may in the same manner place his name and address on the back or the face of the card, and that advertisements and illustrations may be printed on the face of the cards if they do not interfere with a perfectly distinct address and postmark.
9. When Private Mailing Cards are prepared by printers and stationers for sale, they should, in addition to conforming to all the conditions of paragraphs 1 to 4, inclusive, bear on the face near the top the words "Postal Card—Carte Postale," which addition will render them admissible to the Postal Union, as well as the domestic mails. Such cards should also bear in the upper right-hand corner of the face an oblong diagram containing the words "Place postage stamp here," and across the bottom the words "This side for the address."
10. The words "Private Mailing Card" are permissible only on cards that conform to the conditions prescribed by this order; other cards bearing these words, or otherwise purporting to be issued under authority of the act of May 19, 1898, are inadmissible to the mails.
11. The privilege given by the act is not intended to work a discontinuance of the Government postal cards. These will be issued and sold the same as heretofore.

Rates on specially delivered letters, ten cents on each letter in *addition* to the regular postage. This entitles the letter to immediate delivery by special messenger. Special delivery stamps are sold at post-offices, and must be affixed to such letters. An ordinary ten-cent stamp affixed to a letter will *not* entitle it to special delivery. The delivery, at carrier offices, extends to the limits of the carrier routes. At non-carrier offices it extends to one mile from the post-office. Postmasters are not obliged to deliver beyond these limits, and letters addressed to places beyond must await delivery in the usual way, notwithstanding the special delivery stamp.

Prepayment by stamps invariably required. Postage on all letters should be *fully* prepaid, but if prepaid one full rate and no more, they will be forwarded, and the amount of deficient postage collected on delivery; if wholly unpaid, or prepaid with less than one full rate and deposited at a post-office, the addressee will be notified to remit postage; and if he fails to do so, they will be sent to the Dead Letter Office; but they will be returned to the sender if he is located at the place of mailing, and if his address be printed or written upon them.

Letter rates are charged on all productions by the typewriter or manifold process, and on all printed imitations of typewriting or manuscript, unless such reproductions are presented at post-office windows in the minimum number of twenty identical copies.

Letters (but no other class of mail matter) will be returned to the sender free, if a request to that effect is printed or written on the envelope. There is no limit of weight for first-class matter.

Prepaid letters will be reforwarded from one post-office to another upon the written request of the person addressed, without additional charge for postage. The direction on forwarded letters may be changed as many times as may be necessary to reach the person addressed.

Second-Class Matter.—This class includes all newspapers, periodicals, or matter exclusively in print and regularly issued at stated intervals as frequently as four times a year, from a known office of publication or news agency, to actual subscribers or news agents, and transient newspapers and publications of this character mailed by persons other than publishers. Also periodical publications of benevolent and fraternal societies, etc. This applies to all reports and the like made by officers of societies organized under the lodge system and having a membership of a thousand persons, and of the bulletins and proceedings of strictly professional, literary, historical, and scientific associations and institutions, trade-unions, etc., provided only that these be published not less often than four times a year, and that they be printed on

and be bound in paper. Publishers who wish to avail themselves of the privileges of the act are required to make formal application to the department through the postmaster at the place of publication, producing satisfactory evidence that the organizations represented come within the purview of the law, and that the object of the publications is to further the objects and purposes of the organizations.

Rates of postage to publishers, *one cent a pound or fractional part thereof*, prepaid in currency. Publications designed primarily for advertising or free circulation, or not having a legitimate list of subscribers, are excluded from the pound rate, and pay third-class rates.

Whenever the general character and manner of issue of a periodical publication is changed in the interest of the publisher, or of an advertiser or other person, by the addition of unusual quantities of advertisements, or of matter different from that usually appearing in the publication, or calculated to give special prominence to some particular business or businesses, or otherwise—especially where large numbers of copies are circulated by or in the interest of particular persons, or where there is to be an excessive number of alleged sample copies mailed, or where the issue is to be sold at a special and different price than that charged for the customary issues, the second-class rates of postage will be denied that issue; and if there be repeated instances of such irregularities, the publication will be excluded from the mails as second-class matter.

Such "Christmas," "New Year's," and other special issues, including "Almanacs," as are excluded from second-class privileges by the terms above specified may be transmitted by mail only when prepaid by postage stamps at the rate applicable to third-class matter—one cent for each two ounces or fraction thereof.

Publications sent to actual subscribers in the county where published are free, unless mailed for local delivery at a letter-carrier office.

Rates of postage on transient newspapers, magazines, or periodicals, *one cent for each four ounces or fraction thereof.* It should be observed that the rate is one cent for each four ounces, not one cent for each paper contained in the same wrapper. Second-class matter will be entitled to special delivery when special delivery ten-cent stamps are affixed in addition to the regular postage.

Transient second-class matter must be so wrapped as to enable the postmaster to inspect it. The sender's name and address may be written in them, but any other writing subjects the matter to letter postage. The name and address of the sender may also be written on the wrapper.

Third-Class Matter.—Mail matter of the third class includes printed books, pamphlets, engravings, circulars (in print or by the hectograph, electric-pen, or similar process), and other matter wholly in print, proof-sheets, corrected proof-sheets, and manuscript copy accompanying the same.

The rate on matter of this class is *one cent for each two ounces or fraction thereof.*

Manuscript unaccompanied by proof-sheets must pay letter rates.

Third-class matter must admit of easy inspection, otherwise it will be charged letter rates on delivery. It must be fully prepaid, or it will not be forwarded.

The limit of weight is four pounds, except single books in separate packages, on which the weight is not limited. It is entitled, like matter of the other classes, to special delivery when special delivery stamps are affixed in addition to the regular postage.

Upon matter of the third-class, or upon the wrapper or envelope inclosing the same, or the tag or label attached thereto, the sender may write his own name, occupation, and residence or business address, preceded by the word "from," and may make marks other than by written or printed words to call attention to any word or passage in the text, and may correct any typographical errors. There may be placed upon the blank leaves or cover of any book, or printed matter of the third-class, a simple manuscript dedication or inscription not of the nature of a personal correspondence. Upon the wrapper or envelope of third-class matter, or the tag or label attached thereto, may be printed any matter mailable as third-class, but there must be left on the address side a space sufficient for the legible address and necessary stamps.

Fourth-Class Matter.—Fourth-class matter is all mailable matter not included in the three preceding classes which is so prepared for mailing as to be easily withdrawn from the wrapper and examined. It embraces merchandise and samples of every description, and coin or specie.

Rate of postage, *one cent for each ounce or fraction thereof* (except seeds, roots, bulbs, cuttings, cions, and plants, the rate on which is *one cent for each two ounces or fraction thereof*). This matter must be fully prepaid, or it will not be forwarded. The affixing of special delivery ten-cent stamps in addition to the regular postage entitles fourth-class matter to special delivery. (See remarks under "first-class matter.")

Articles of this class that are liable to injure or deface the mails, such as glass, sugar, needles, nails, pens, etc., must be first wrapped in a bag, box, or open envelope and then secured in another outside tube or box, made of metal or hard wood, without sharp corners or edges, and having a sliding clasp or screw lid, thus securing the articles in a double package. The public should bear in mind that the first object of the department is to transport the mails safely, and every other interest is made subordinate.

Such articles as poisons, explosives, or inflammable articles, live animals, insects, or substances exhaling a bad odor will not be forwarded in any case.

Firearms may only be sent in detached parts.

The regulations respecting the mailing of liquids are as follows: Liquids, not ardent, vinous, spirituous, or malt, and not liable to explosion, spontaneous combustion, or ignition by shock or jar, and not inflammable (such as kerosene, naphtha, or turpentine), may be admitted to the mails for transportation within the United States. When in glass bottles or vials, such bottles or vials must be strong enough to stand the shock of handling in the mails, and must be inclosed in a metal, wooden, or papier mache block or tube, not less than three-sixteenths of an inch thick in the thinnest part, strong enough to support the weight of mails piled in bags and resist rough handling: and there must be provided, between the bottle and said block or tube, a cushion of cotton, felt, or some other absorbent sufficient to protect the glass from shock in

FOREIGN MAILS—*Continued.*

examined by postmasters. Poisonous, explosive, and inflammable substances are excluded. Parcels may be registered for 8 cents each to any of the above places, except Barbadoes.

Rates and conditions to countries not in the Universal Postal Union are now the same as those to Universal Postal Union countries.

GENERAL REGULATIONS RESPECTING FOREIGN MAILS.

Postage can be prepaid upon articles only by means of the postage stamps of the country *in* which the articles are mailed. Hence articles mailed in one country addressed to another country which bear postage stamps of the country to which they are addressed are treated as if they had no postage stamps attached to them.

Unpaid letters received from the Postal Union are chargeable with 10 cents per 15 grams (½ ounce). Insufficiently prepaid correspondence of all kinds is chargeable with double the amount of the deficient postage.

Matter to be sent in the mails at less than letter rates must be so wrapped that it can be readily examined at the office of delivery, as well as the mailing office, without destroying the wrapper.

Newspapers and periodicals sent in the mails to foreign countries other than those of the Postal Union should be wrapped singly. Those sent by publishers to regular subscribers in Canada and Mexico are transmissible as in domestic mails, except that packages addressed to Mexico must not exceed 4 pounds 6 ounces in weight.

The United States two-cent postal card should be used for card correspondence with foreign countries (except Canada and Mexico, to which countries the one-cent card is transmissible), but where these cards cannot be obtained, it is allowable to use for this purpose the United States one-cent postal card with a one-cent United States adhesive postage stamp attached thereto. Private cards can now be used if conforming in size, etc., to government cards, and bearing words "Postal Card—Carte Postale."

Mail matter *of all kinds* received from any country of the Postal Union is required to be reforwarded at the request of the addressee, from one post-office to another, or to any foreign country embraced in the Postal Union, without additional charge for postage

All articles prohibited from domestic mails are also excluded from circulation in the mails to and from foreign countries. Postal cards or letters addressed to go around the world will not be forwarded, being prohibited.

The act of March 3, 1883, imposes a duty of 25 per cent ad valorem on all printed matter not therein otherwise provided for, without regard to mode of importation. Under said act all printed matter, *except newspapers and periodicals*, and except printed matter other than books imported in the mails for personal use, is subject to the regular duty of 25 per cent ad valorem.

FOREIGN (INTERNATIONAL) MONEY ORDERS.

There are now in operation postal conventions for the exchange of money orders between the United States and the following countries, viz.: Switzerland, Great Britain and Ireland, Germany, France, Italy, Canada and Newfoundland, Jamaica, New South Wales, Victoria, New Zealand, Queensland the Cape Colony the Windward Islands, the Leeward Islands, Belgium, Portugal, Tasmania, Hawaii Sweden, Norway, Japan, Denmark, Netherlands, Dutch East Indies, the Bahamas, Trinidad and Tobago, British Guiana, Republic of Honduras, Austria, Hungary, Hong Kong, Salvador, Bermuda, Luxembourg, South Australia, Cuba, Porto Rico, Chile, British Honduras, Egypt, Finland, and Korea.

Upon receiving an international money order from the issuing postmaster the remitter must send it, at his own cost to the payee, if the latter resides in Canada, Great Britain and Ireland, Queensland Cape Colony, France and Algeria, New Zealand, New South Wales, Victoria, Tasmania, Hawaii, Jamaica, Leeward and Windward Islands and Constantinople, Bahamas, Trinidad and Tobago, British Guiana, Hong Kong, Bermuda, South Australia, Cuba, Porto Rico, and British Honduras.

But the order should be retained by the remitter if the intended beneficiary live in any of the following named countries: Germany, Switzerland, Austria, Hungary, Italy, Belgium, Portugal, Sweden, Norway, Denmark, British India, Egypt, Japan, Salvador, Luxembourg, Chile, Finland, and Korea, in which case it is of no value except as evidence of deposit of the sum therein mentioned. Another and different form of order will be forwarded to the payee by the exchange office in the country of payment.

The rates of commission or fees charged for the issue of all international money orders are as follows: For sums not exceeding $10, 10 cents; over $10 and not exceeding $20 20 cents; over $20 and not exceeding $30, 30 cents; over $30 and not exceeding $40, 40 cents; over $40 and not exceeding $50, 50 cents; over $50 and not exceeding $60, 60 cents; over $60 and not exceeding $70, 70 cents; over $70 and not exceeding $80, 80 cents; over $80 and not exceeding $90, 90 cents; over $90 and not exceeding $100, one dollar.

Domestic rates and regulations apply to money orders for Cuba, Porto Rico, and the Philippine Islands.

India, China, Japan, and Australia Mails.

FIGURES in parentheses indicate number of days in transit from port of embarkation.

The Post-Office Department allows 5 days for transmission of mails from New York to San Francisco, 6 days from New York to Vancouver, B. C., 5 days from New York to Tacoma, Wash., and 8 days from New York to London, Eng.

Leave London, Eng., every Friday for Aden (10), Bombay (15), Colombo (18), Singapore (22-25), Hong Kong (29-32), Shanghai (35) Yokohama (39-41) By Peninsular and Oriental Steam Navigation Co. and Messageries Maritimes.

Leave San Francisco, Cal. about every 9 to 16 days for Singapore (35-40), Hong Kong (29), Shanghai (26), Yokohama (19). By Pacific Mail and Occidental and Oriental Steamship lines.

Leave Vancouver, B. C about every 28 days for Hong Kong (22), Yokohama (14). By Canadian Pacific Steamship Line

Leave Tacoma, Wash., about every 10 to 35 days for Hong Kong (27-29), Yokohama (16). By Northern Pacific Steamship Co

AUSTRALIA MAILS.—Mails for West Australia are all sent *via* London, Eng.

Leave San Francisco, Cal., every 2 to 14 days for Honolulu, Sandwich Islands (7); and every 28 days for Apia (15), Auckland, New Zealand (19), Sydney, New South Wales (24). By Oceanic Steamship Co. Mails also leave Vancouver, B. C., about every 28 days.

Leave London, Eng., every Friday for all parts of Australia, New Zealand, Tasmania, etc.

Postal Distances and Time from New York City.

As indicated by the Official Postal Guide, showing the distance by shortest routes and time in transit by fastest trains from New York City.

Cities in United States.	Miles.	Hours.	Cities in United States.	Miles.	Hours.	Cities in United States.	Miles.	Hours.
Albany, N. Y.	142	4½	Detroit, Mich.	743	25	Portland, Ore.	3,181	114½
Atlanta, Ga.	882	24¼	Galveston, Tex.	1,789	56½	Prescott, Ariz.	2,724	94
Baltimore, Md.	188	6	Harrisburg, Pa.	182	6	Providence, R. I.	189	6
Bismarck, N. Dak.	1,738	60½	Hartford, Ct.	112	4	Richmond, Va.	344	11¼
Boisé City, Idaho	2,736	92½	Helena, Mont.	2,423	89	St. Louis, Mo.	1,048	29
Boston, Mass.	217	7	Hot Springs, Ark.	1,367	55	St. Paul, Minn.	1,300	37
Buffalo, N. Y.	410	11½	Indianapolis, Ind.	808	23	Salt Lake City, Utah.	2,452	71½
Cape May, N. J.	172	5½	Jacksonville, Fla.	1,077	32	San Francisco, Cal.	3,250	112½
Carson City, Nev.	3,036	109¼	Kansas City, Mo.	1,302	38¼	Santa Fé, N. Mex.	2,173	82
Charleston, S. C.	804	21¼	Louisville, Ky.	854	30	Savannah, Ga.	905	26
Chattanooga, Tenn.	853	32	Memphis, Tenn.	1,163	40	Tacoma, Wash.	3,209	127
Cheyenne, Wyo.	1,899	54	Milwaukee, Wis.	985	29¼	Topeka, Kan.	1,370	48
Chicago, Ill.	900	25	Montgomery, Ala.	1,057	30½	Trenton, N. J.	57	2
Cincinnati, O.	744	23	Montpelier, Vt.	327	10¼	Vicksburg, Miss.	1,288	50
Cleveland, O.	568	19½	New Orleans, La.	1,344	40	Vinita, Ind. Ter.	1,412	42
Columbus, O.	624	20	Omaha, Neb.	1,383	43	Washington, D. C.	228	6½
Concord, N. H.	292	9½	Philadelphia, Pa.	90	3	Wheeling, W. Va.	496	14¼
Deadwood, S. Dak.	1,957	65½	Pittsburgh, Pa.	431	13	Wilmington, Del.	117	5
Denver, Col.	1,930	60½	Portland, Me.	325	12	Wilmington, N. C.	593	20
Des Moines, Ia.	1,257	37½						

DISTANCES AND MAIL TIME TO FOREIGN CITIES FROM THE CITY OF NEW YORK.

By Postal Route to—	Miles.	Days	By Postal Route to—	Miles.	Days
Adelaide, *via* San Francisco	12,845	34	Havana	1,413	3
Alexandria, *via* London	6,150	13	Hong Kong, *via* San Francisco	10,590	25
Amsterdam, " "	3,985	9	Honolulu, " " "	5,645	13
Antwerp, " "	4,000	9	Liverpool	3,540	8
Athens, " "	5,655	12	London, *via* Queenstown	3,740	8
Bahia, Brazil	5,870	21	London, *via* Southampton	3,760	8
Bangkok, Siam, *via* San Francisco	12,590	43	Madrid, *via* London	4,925	9
Batavia, Java, *via* London	12,860	34	Melbourne, *via* San Francisco	12,265	32
Berlin, *via* London	4,385	9	Mexico City (railroad)	3,750	5
Bombay, " "	9,765	24	Panama	2,355	7
Bremen, "	4,235	8	Paris	4,020	8
Buenos Ayres	8,045	29	Rio de Janeiro	6,204	23
Calcutta, *via* London	11,120	26	Rome, *via* London	5,030	9
Cape Town, *via* London	11,245	27	Rotterdam, *via* London	3,935	9
Constantinople, *via* London	5,810	11	St. Petersburg, *via* London	5,370	10
Florence, " "	4,800	10	Shanghai, *via* San Francisco	9,920	25
Glasgow	3,375	10	Stockholm, *via* London	4,975	10
Greytown, *via* New Orleans	2,810	7	Sydney, *via* San Francisco	11,570	31
Halifax, N. S.	645	2	Valparaiso, *via* Panama	5,910	37
Hamburg, *via* London	4,340	9	Vienna, *via* London	4,740	10
Hamburg, direct	4,820	9	Yokohama, *via* San Francisco	7,348	20

Distances Between European Cities.

TRAVELING DISTANCES BETWEEN THE PRINCIPAL CITIES IN EUROPE, IN MILES.

London																									
Liverpool	202																								
Paris	489	287																							
Madrid	908	1397	1195																						
Lisbon	415	1323	1812	1610																					
Antwerp	1530	1119	211	472	270																				
Hamburg	412	1804	1495	587	859	657																			
Berlin	178	497	1859	1582	674	948	746																		
Berne	611	678	460	1602	1183	359	848	646																	
Turin	297	837	839	719	1506	1073	500	989	787																
Vienna	720	535	427	605	727	2157	1668	849	1122	980															
Munich	266	470	285	401	579	522	1897	1477	582	970	768														
Rome	647	840	414	639	1048	1180	1032	1746	1223	907	1397	1195													
Trieste	510	487	370	391	533	888	1066	1009	1828	1416	863	1352	1150												
Warsaw	806	1276	702	436	1156	1021	398	576	805	2593	1925	1067	1557	1355											
Constantinople	1205	1725	2138	1564	1298	2018	1883	1699	1903	2025	3345	2718	1899	2222	2030										
Odessa	363	842	1330	1800	1226	960	1580	1545	1240	1418	1737	3117	2625	1760	2119	1917									
Moscow	950	1339	811	1617	2087	1513	1247	1967	1832	1209	1387	1706	3414	2904	1843	2117	1915								
St. Petersburg	406	1356	1733	693	1769	2239	1395	399	2119	1714	1091	1269	1588	3286	2874	1699	1976	1774							
Stockholm	430	836	1510	2408	1082	1171	1731	1024	1110	1337	1176	685	580	993	2384	1972	1219	1491	1289						
Copenhagen	416	846	1252	1510	1510	668	1067	1318	671	697	1047	885	270	208	620	2012	1600	812	1181	979					

Metric System of Weights and Measures.

THE METRIC SYSTEM has been adopted by Mexico, Brazil, Chile, Peru, etc., and except Russia and Great Britain, where it is permissive, by all European nations. Various names of the preceding systems are, however, frequently used: In Germany, ½ kilogram = 1 pound; in Switzerland, 3-10 of a metre = 1 foot, etc. If the first letters of the prefixes *deka, hecto, kilo, myria,* from the Greek, and *deci, centi, mili,* from the Latin, are used in preference to our plain English, 10, 100, etc., it is best to employ capital letters for the multiples and small letters for the subdivisions, to avoid ambiguities in abbreviations: 1 dekametre or 10 metres = 1 Dm.; 1 decimetre or 1-10 of a metre = 1 dm.

The METRE, unit of length, is nearly the ten-millionth part of a quadrant of a meridian, of the distance between Equator and Pole. The International Standard Metre is, practically, nothing else but a length defined by the distance between two lines on a platinum-iridium bar at 0° Centigrade, deposited at the International Bureau of Weights and Measures, Paris, France.

The LITRE, unit of capacity, is derived from the weight of one kilogram pure water at greatest density, a cube whose edge is one-tenth of a metre and, therefore, the one-thousandth part of a metric ton.

The GRAM, unit of weight, is a cube of pure water at greatest density, whose edge is one-hundredth of a metre, and, therefore, the one-thousandth part of a kilogram, and the one-millionth part of a metric ton.

One silver dollar weighs 25 grams, 1 dime = 2½ grams, 1 five-cent nickel = 5 grams.

The Metric System was legalized in the United States on July 28, 1866, when Congress enacted as follows:

"The tables in the schedule hereto annexed shall be recognized in the construction of contracts, and in all legal proceedings, as establishing, in terms of the weights and measures now in use in the United States, the equivalents of the weights and measures expressed therein in terms of the metric system, and the tables may lawfully be used for computing, determining, and expressing in customary weights and measures the weights and measures of the metric system."

The following are the tables annexed to the above:

MEASURES OF LENGTH.

Metric Denominations and Values.		Equivalents in Denominations in Use.	
Myriametre	10,000 metres.	6.2137	miles.
Kilometre	1,000 metres.	0.62137	mile, or 3,280 feet 10 inches.
Hectometre	100 metres.	328	feet 1 inch.
Dekametre	10 metres	393.7	inches.
Metre	1 metre.	39.37	inches.
Decimetre	1-10 of a metre.	3.937	inches.
Centimetre	1-100 of a metre.	0.3937	inch.
Millimetre	1-1000 of a metre.	0.0394	inch.

MEASURES OF SURFACE.

Metric Denominations and Values.		Equivalents in Denominations in Use.	
Hectare	10,000 square metres.	2.471	acres.
Are	100 square metres.	119.6	square yards.
Centare	1 square metre.	1,550	square inches.

MEASURES OF CAPACITY.

METRIC DENOMINATIONS AND VALUES.			EQUIVALENTS IN DENOMINATIONS IN USE.	
Names.	Number of Litres.	Cubic Measure.	Dry Measure.	Liquid or Wine Measure.
Kilolitre or stere.	1-000	1 cubic metre	1.308 cubic yards	264.17 gallons.
Hectolitre	100	1-10 of a cubic metre	2 bush. and 3.35 pecks	26.417 gallons.
Dekalitre	10	10 cubic decimetres	9.08 quarts	2.6417 gallons.
Litre	1	1 cubic decimetre	0.908 quart	1.0567 quarts.
Decilitre	1-10	1-10 of a cubic decimetre.	6.1022 cubic inches	0.845 gill.
Centilitre	1-100	10 cubic centimetres	0.6102 cubic inch	0.338 fluid ounce.
Millilitre	1-1000	1 cubic centimetre	0.061 cubic inch	0.27 fluid dram.

METRIC SYSTEM—*Continued.*

WEIGHTS.

Metric Denominations and Values.			Equivalents in Denominations in Use.
Names.	Number of Grams.	Weight of What Quantity of Water at Maximum Density.	Avoirdupois Weight.
Miller or tonneau	1,000,000	1 cubic metre	2204.6 pounds.
Quintal	100,000	1 hectolitre	220.46 pounds.
Myriagram	10,000	10 litres	22.046 pounds.
Kilogram or kilo	1,000	1 litre	2.2046 pounds.
Hectogram	100	1 decilitre	3.5274 ounces.
Dekagram	10	10 cubic centimetres	0.3527 ounce.
Gram	1	1 cubic centimetre	15.432 grains.
Decigram	1-10	1-10 of a cubic centimetre	1.5432 grains.
Centigram	1-100	10 cubic millimetres	0.1543 grain.
Milligram	1-1000	1 cubic millimetre	0.0154 grain.

TABLES FOR THE CONVERSION OF METRIC WEIGHTS AND MEASURES INTO CUSTOMARY UNITED STATES EQUIVALENTS AND THE REVERSE.

From the legal equivalents are deduced the following tables for converting United States weights and measures:

METRIC TO CUSTOMARY. CUSTOMARY TO METRIC.

Linear Measure.

Metres=Ins.	*Metres=Feet.*	*Metres=Yards.*	*Kilometres=Miles.*	*Ins.=Centimetres*	*Feet=Metres.*	*Yards=Metres.*	*Miles=Kilometres.*
1= 39.37	1= 3.28087	1=1.093623	1=0.62137	1= 2.54	1=0.304798	1=0.914393	1= 1.60935
2= 78.74	2= 6.56174	2=2.187246	2=1.24274	2= 5.08	2=0.609596	2=1.828787	2= 3.21869
3=118.11	3= 9.84261	3=3.280869	3=1.86411	3= 7.62	3=0 914393	3=2.743179	3= 4.82804
4=157.48	4=13.12348	4=4.374492	4=2.48548	4=10.16	4=1.219191	4=3.657574	4= 6.43739
5=196.85	5=16.40435	5=5.468115	5=3.10685	5=12.70	5=1.523989	5=4.571966	5= 8.04674
6=236.22	6=19.68522	6=6.561738	6=3.72822	6=15.24	6=1.828787	6=5.486358	6= 9.65608
7=275.59	7=22.96609	7=7.655361	7=4.34959	7=17.78	7=2.133584	7=6.400753	7=11.26543
8=314.96	8=26.24696	8=8.748984	8=4.97096	8=20.32	8=2.438382	8=7.315148	8=12.87478
9=354.33	9=29.52783	9=9.842607	9=5.59233	9=22.86	9=2.743179	9=8.229537	9=14.48412

Square Measure.

Square Centimetres=Square Inches.	*Square Metres=Square Feet.*	*Square Metres=Square Yards.*
1=0.155	1=10.764	1= 1.196
2=0.310	2=21.528	2= 2.392
3=0.465	3=32.292	3= 3.588
4=0.620	4=43.055	4= 4.784
5=0.775	5=53.819	5= 5.980
6=0.930	6=64.583	6= 7.176
7=1.085	7=75.347	7= 8.372
8=1.240	8=86.111	8= 9.568
9=1.395	9=96.874	9=10.764

Cubic Measure.

Cubic Metres=Cubic Feet.	*Cubic Feet=Cubic Metres.*
1= 35.315	1=0.02832
2= 70.631	2=0.05663
3=105.947	3=0.08495
4=141.262	4=0.11326
5=176.578	5=0.14158
6=210.894	6=0.16990
7=247.209	7=0.19821
8=282.525	8=0.22653
9=317.840	9=0.25484

Square Measure.

Square Inches=Square Centimetres	*Square Feet=Square Metres.*	*Square Yards=Square Metres.*
1= 6.452	1=0.09290	1=0.836
2=12.903	2=0.18581	2=1.672
3=19.354	3=0.27871	3=2.508
4=25.806	4=0.37161	4=3.344
5=32.257	5=0.46452	5=4.181
6=38.709	6=0.55742	6=5.017
7=45.160	7=0.65032	7=5.853
8=51.612	8=0.74323	8=6.689
9=58.063	9=0.83613	9=7.525

Liquid Measure.

Centilitres=Fluid Ounces.	*Litres=Quarts.*	*Litres=Gallons.*
1=0.338	1=1.0567	1=0.26417
2=0.676	2=2.1134	2=0.52834
3=1.014	3=3.1700	3=0.79251
4=1.352	4=4.2267	4=1.05668
5=1.691	5=5.2834	5=1.32085
6=2.029	6=6.3401	6=1.58502
7=2.368	7=7.3968	7=1.84919
8=2.706	8=8.4534	8=2.11336
9=3.043	9=9.5101	9=2.37753

Dry Measure.

Hectolitres=Bushels.	*Bushels=Hectolitres*
1= 2.8375	1=0.35242
2= 5.6750	2=0.70485
3= 8.5125	3=1.05727
4=11.3500	4=1.40969
5=14.1875	5=1.76211
6=17.0250	6=2.11454
7=19.8625	7=2.46696
8=22.7000	8=2.81938
9=25.5375	9=3.17181

Liquid Measure.

Fluid Ounces=Centilitres	*Quarts=Litres.*	*Gallons=Litres.*
1= 2.957	1=0.94636	1= 3.78544
2= 5.915	2=1.89272	2= 7.57088
3= 8.872	3=2.83908	3=11.35632
4=11.830	4=3.78544	4=15.14176
5=14.787	5=4.73180	5=18.92720
6=17.744	6=5.67816	6=22.71264
7=20.702	7=6.62452	7=26.49808
8=23.659	8=7.57088	8=30.28352
9=26.616	9=8.51724	9=34.06896

METRIC SYSTEM—*Continued.*

WEIGHT (AVOIRDUPOIS).

Centi-grams = *Grains.*	*Kilo-grams* = *Ounces Av'd'ps.*	*Kilo-grams* = *Pounds Av'd'ps.*	*Metric Tons* = *Long Tons.*	*Grains* = *Centi-grams.*	*Ounces Av'd'ps* = *Grams.*	*Pounds Av'd'ps* = *Kilo-grams.*	*Long Tons* = *Metric Tons.*
1=0.1543	1= 35.274	1= 2.20462	1=0.9842	1= 6.4799	1= 28.3495	1=0.45359	1=1.0161
2=0.3086	2= 70.548	2= 4.40924	2=1.9684	2=12.9598	2= 56.6991	2=0.90719	2=2.0321
3=0.4630	3=105.822	3= 6.61386	3=2.9526	3=19.4397	3= 85.0486	3=1.36078	3=3.0482
4=0.6173	4=141.096	4= 8.81849	4=3.9368	4=25.9196	4=113.3981	4=1.81437	4=4.0642
5=0.7716	5=176.370	5=11.02311	5=4.9210	5=32.3995	5=141.7476	5=2.26796	5=5.0803
6=0.9259	6=211.644	6=13.22773	6=5.9052	6=38.8793	6=170.0972	6=2.72156	6=6.0963
7=1.0803	7=246.918	7=15.43235	7=6.8894	7=45.3592	7=198.4467	7=3.17515	7=..1124
8=1.2346	8=282.192	8=17.63697	8=7.8736	8=51.8391	8=226.7962	8=3.62874	8=8.1284
9=1.3889	9=317.466	9=19.84159	9=8.8578	9=58.3190	9=255.1457	9 4.08233	9=9.1445

THE METRIC SYSTEM SIMPLIFIED.

The following tables of the metric system of weights and measures have been simplified as much as possible for THE WORLD ALMANAC by omitting such denominations as are not in practical, everyday use in the countries where the system is used exclusively.

TABLES OF THE SYSTEM.

Length.—The denominations in practical use are millimetres (mm.), centimetres (cm.), metres (m.), and kilometres (km.).

10 mm. = 1 cm.; 100 cm. = 1 m.; 1,000 m. = 1 km. NOTE.—A decimetre is 10 cm.

Weight.—The denominations in use are grams (g.), kilos* (kg.), and tons (metric tons).

1,000 g. = 1 kg.; 1,000 kg. = 1 metric ton.

Capacity.—The denominations in use are cubic centimetres (c. c.) and litres (l.).

1,000 c. c. = 1 l. NOTE.—A hectolitre is 100 l. (seldom used).

Relation of capacity and weight to length: A cubic decimetre is a litre, and a litre of water weighs a kilo.

APPROXIMATE EQUIVALENTS.

A metre is about a yard; a kilo is about 2 pounds; a litre is about a quart; a centimetre is about ½ inch; a metric ton is about same as a ton; a kilometre is about ½ mile; a cubic centimetre is about a thimbleful; a nickel weighs about 5 grams.

PRECISE EQUIVALENTS.

1 acre =	.40	hectar	.4047	1 mile =	1.6	kilometres	1.609
1 bushel =	35	litres	35.24	1 millimetre =	.039	inch	.0394
1 centimetre =	.39	inch	.3937	1 ounce (av'd) =	28	grams	28.35
1 cubic centimetre =	.061	cubic inch	.0610	1 ounce (Troy) =	31	grams	31.10
1 cubic foot =	.028	cubic metre	.0283	1 peck =	8.8	litres	8.809
1 cubic inch =	16	cubic cent. †	16.39	1 pint =	.47	litre	.4732
1 cubic metre =	35	cubic feet	35.31	1 pound =	.45	kilo	.4536
1 cubic metre =	1.3	cubic yards	1.308	1 quart (dry) =	1.1	litres	1.101
1 cubic yard =	.76	cubic metre	.7645	1 quart (liquid) =	.95	litre	.9464
1 foot =	30	centimetres	30.48	1 sq. centimetre =	.15	sq. inch	.1550
1 gallon =	3.8	litres	3.785	1 sq. foot =	.093	sq. metre	.0929
1 grain =	.065	gram	.0648	1 sq. inch =	6.5	sq. c'timetr's.	6.452
1 gram =	15	grains	15.43	1 sq. metre =	1.2	sq. yards	1.196
1 hectar =	2.5	acres	2.471	1 sq. metre =	11	sq. feet	10.76
1 inch =	25	millimetres	25.40	1 sq. yard =	.84	sq. metre	.8361
1 kilo =	2.2	pounds	2.205	1 ton (2,000 lbs.) =	.91	metric ton	.9072
1 kilometre =	.62	mile	.6214	1 ton (2,240 lbs.) =	1	metric ton	1.017
1 litre =	.91	quart (dry)	.9081	1 ton (metric) =	1.1	ton (2,000 lbs.)	1.102
1 litre =	1.1	quarts (liq'd)	1.057	1 ton (metric) =	.98	ton (2,240 lbs.)	.9842
1 metre =	3.3	feet	3.281	1 yard =	.91	metre	.9144

* Contraction for kilogram. † Centimetres.

Minimum Weights of Produce.

THE following are minimum weights of certain articles of produce according to the laws of the United States:

	Per Bushel.		Per Bushel.		Per Bushel.
Wheat	60 lbs.	White Potatoes	60 lbs.	Hungarian Grass Seed	50 lbs.
Corn, in the ear	70 "	Sweet Potatoes	55 "	Timothy Seed	45 "
Corn, shelled	56 "	Onions	57 "	Blue Grass Seed	44 "
Rye	56 "	Turnips	55 "	Hemp Seed	44 "
Buckwheat	48 "	Dried Peaches	33 "	Salt (see note below).	
Barley	48 "	Dried Apples	26 "	Corn Meal	48 "
Oats	32 "	Clover Seed	60 "	Ground Peas	24 "
Peas	60 "	Flax Seed	56 "	Malt	38 "
White Beans	60 "	Millet Seed	50 "	Bran	20 "
Castor Beans	46 "				

SALT.—Weight per bushel as adopted by different States ranges from 50 to 80 pounds. Coarse salt in Pennsylvania is reckoned at 80 pounds, and in Illinois at 50 pounds per bushel. Fine salt in Pennsylvania is reckoned at 62 pounds, in Kentucky and Illinois at 55 pounds per bushel.

Measures and Weights of Great Britain.

THE measures of length and the weights are nearly, practically, the same as those in use in the United States. The English ton is 2,240 lbs. avoirdupois, the same as the long ton, or shipping ton of the United States. The English hundredweight is 112 lbs. avoirdupois, the same as the long hundredweight of the United States. The metre has been legalized at 39.37079 inches, but the length of 39.370432 inches, as adopted by France, Germany, Belgium, and Russia, is frequently used.

The Imperial gallon, the basis of the system of capacity, involves an error of about 1 part in 1,836: 10 lbs. of water = 277.123 cubic inches.

MEASURES OF CAPACITY.

NAMES.		Pounds of Water.	Cubic Inches.	Litres.	United States Equivalents.
4 gills = 1 pint		1.35	34.66	0.56793	1.20032 liquid pints.
2 pints = 1 quart		2.5	69.32	1.13586	1.20032 " quarts.
2 quarts = 1 pottle		5	138.64	2.27173	2.40064 " "
2 pottles = 1 gallon		10	277.27	4.54346	1.20032 " gallons.
2 gallons = 1 peck	Dry measure	20	554.55	9.08692	1.03152 dry pecks.
4 pecks = 1 bushel		80	2218.19	36.34766	1.03152 " bushels.
4 bushels = 1 coomb		320	8872.77	145.39062	4.12606 " "
2 coombs = 1 quarter		640	17745.54	290.7813	8.2521 " "

Domestic Weights and Measures.

Apothecaries' Weight: 20 grains = 1 scruple; 3 scruples = 1 dram; 8 drams = 1 ounce; 12 ounces = 1 pound.

Avoirdupois Weight (short ton): 27 11-32 grains = 1 dram; 16 drams = 1 ounce; 16 ounces = 1 pound; 25 pounds = 1 quarter; 4 quarters = 1 cwt.; 20 cwt. = 1 ton.

Avoirdupois Weight (long ton): 27 11-32 grains = 1 dram; 16 drams = 1 ounce; 16 ounces = 1 pound; 112 pounds = 1 cwt.; 20 cwt. = 1 ton.

Troy Weight: 24 grains = 1 pennyweight; 20 pennyweights = 1 ounce; 12 ounces = 1 pound.

Circular Measure: 60 seconds 1 minute; 60 minutes = 1 degree; 30 degrees = 1 sign; 12 signs = 1 circle.

Cubic Measure: 1,728 cubic inches = 1 cubic foot; 27 cubic feet = 1 cubic yard.

Dry Measure: 2 pints = 1 quart; 8 quarts = 1 peck; 4 pecks = 1 bushel.

Liquid Measure: 4 gills = 1 pint; 2 pints = 1 quart; 4 quarts = 1 gallon; 31½ gallons = 1 barrel; 2 barrels = 1 hogshead.

Long Measure: 12 inches = 1 foot; 3 feet = 1 yard; 5½ yards = 1 rod or pole; 40 rods = 1 furlong; 8 furlongs = 1 statute mile; 3 miles = 1 league.

Mariner's Measure: 6 feet = 1 fathom; 120 fathoms = 1 cable length; 7½ cable lengths = 1 mile; 5,280 feet = 1 statute mile; 6,085 feet = 1 nautical mile.

Square Measure: 144 square inches = 1 square foot; 9 square feet = 1 square yard; 30¼ square yards = 1 square rod or perch; 40 square rods = 1 rood; 4 roods = 1 acre; 640 acres = 1 square mile; 36 square miles (6 miles square) = 1 township.

Time Measure: 60 seconds = 1 minute; 60 minutes = 1 hour; 24 hours = 1 day; 7 days = 1 week; 365 days = 1 year; 366 days = 1 leap year.

FOREIGN MONEYS.

English Money: 4 farthings = penny (*d*); 12 pence = 1 shilling (*s*); 20 shillings = 1 pound (£).

French Money: 10 centimes = 1 decime; 10 decimes = 1 franc.

German Money: 100 pfennig = 1 mark.

Russian Money: 100 copecks = 1 ruble.

Austro-Hungarian Money: 100 kreutzer = 1 florin.

For United States equivalents, see tables of "Value of Foreign Coins in U. S. Money."

NOTE.—France, Belgium, Greece, Italy, and Switzerland constitute what is known as the "Latin" Union, and their coins are alike in weight and fineness, occasionally differing, however, in name. The same system has been in part adopted by Spain, Servia, Bulgaria, Russia, and Roumania, but they have not joined the Union. Francs and centimes of France, Belgium, and Switzerland are respectively designated lire and centissimi in Italy; drachmai and lepta in Greece; dinars and paras in Servia; peseta and centimos in Spain; leys and banis in Roumania; leya and stotinkis in Bulgaria. Similarly the Scandinavian countries, Norway and Sweden and Denmark, employ coins of the same weight and fineness, their names being also alike. Most of the South American States possess a standard coin, equal in weight and fineness to the silver 5-franc piece generally termed a "peso."—*Whitaker.*

Roman and Arabic Numerals.

I	1	XI	11	XXX	30	CCCC	400
II	2	XII	12	XL	40	D	500
III	3	XIII	13	L	50	DC	600
IV	4	XIV	14	LX	60	DCC	700
V	5	XV	15	LXX	70	DCCC	800
VI	6	XVI	16	LXXX or XXC	80	CM	900
VII	7	XVII	17	XC	90	M	1000
VIII	8	XVIII	18	C	100	MM	2000
IX	9	XIX	19	CC	200	MCM	1900
X	10	XX	20	CCC	300		

Compound Interest Table.

COMPOUND INTEREST ON ONE DOLLAR FOR 100 YEARS (REVISED).

AMOUNT	Years.	Per cent.	Accumulation.	AMOUNT	Years.	Per cent.	Accumulation.	AMOUNT	Years.	Per cent.	Accumulation.
$1	100	1	$2.70,5	$1	100	4½	$81.58,9	$1	100	10	$13,780.66
1	100	2	7.24,5	1	100	5	131.50,1	1	100	11	34,064.34,6
1	100	2½	11.81,4	1	100	6	339.30,5	1	100	12	83,521.82,7
1	100	3	19.21,8	1	100	7	867.72,1	1	100	15	1,174,302.40
1	100	3½	31.19,1	1	100	8	2,199.78,4	1	100	18	15,424,106.40
1	100	4	50.50,4	1	100	9	5,529.04,4	1	100	24	2,198,720,200

States and Territories.	Interest Laws.		Statutes of Limitations.			States and Territories.	Interest Laws.		Statutes of Limitations.		
	Legal Rate.	Rate Allowed by Contract.	Judgments, Years.	Notes, Years.	Open Accounts, Years.		Legal Rate.	Rate Allowed by Contract.	Judgments, Years.	Notes, Years.	Open Accounts, Years.
	Per ct.	Per ct.					Per ct.	Per ct.			
Alabama	8	8	20	6*	3	Nebraska	7	10	5‡‡	5	4
Arkansas	6	10	10	5	3	Nevada	7	Any rate.	6	6	4
Arizona	7	Any rate.	5	5	3	N. Hampshire	6	6	20	6	6
California	7	Any rate.	5	4†	2	New Jersey	6	6	20	6	6
Colorado	8	Any rate.	10‡‡	6	6	New Mexico	6	12	7	6	4
Connecticut	6	(j)	‡	(e)	6	New York	6	6††	20(i)	6	6§§
Delaware	6	6	20	6‖	3	North Carolina	6	6	10	3*	3
D. of Columbia	6	10	12	3	3	North Dakota	7	12	10	6	6§§
Florida	8	10	20	5	2	Ohio	6	8	5‡‡	15	6
Georgia	7	8	7	6	4	Oklahoma	7	12	5(h)	5	3
Idaho	7	12	6	5	4	Oregon	6	10	10	6	6
Illinois	5	7	20	10	5	Pennsylvania	6	6	5(f)	6‖	6
Indiana	6	8	20	10	6	Rhode Island	6§	Any rate.	20	6	6
Iowa	6	8	20(d)	10	5	South Carolina	7	8	10	6	6
Kansas	6	10	5	5	3	South Dakota	7	12	10(l)	6	6
Kentucky	6	6	15	15	5(a)	Tennessee	6	Any rate.	10	6	6
Louisiana	5	8	10	5	3	Texas	6	10	10‡‡	4	2
Maine	6	Any rate.	20	6‖	6§§	Utah	8	Any rate.	8	6	4
Maryland	6	6	12	3	3	Vermont	6	6	8	6	6§§
Massachusetts	6	Any rate.	20	6	6	Virginia	6	6	20	5*	2¶
Michigan	5	7	6*	6	6§§	Washington	7	12	6	6	3
Minnesota	6	10	10	6	6	West Virginia	6	6	10	10	3
Mississippi	6	10	7	6	3	Wisconsin	6	10	20(i)	6	6
Missouri	6	8	10	10	5	Wyoming	8	12	5(k)	5	8
Montana	8	Any rate.	10(b)	8	3						

* Under seal, 10 years. † If made in State; if outside, 2 years. ‡ No law and no decision regarding judgments. § Unless a different rate is expressly stipulated. ‖ Under seal, 20 years. ¶ Store accounts; other accounts 3 years. †† New York has by a recent law legalized any rate of interest on call loans of $5,000 or upward, on collateral security. ‡‡ Becomes dormant, but may be revived. §§ Six years from last item. (*a*) Accounts between merchants 2 years. (*b*) In courts not of record, 5 years. (*d*) Twenty years in Courts of Record; in Justice's Court 10 years. (*e*) Negotiable notes 6 years, non-negotiable 17 years. (*f*) Ceases to be a lien after that period. (*g*) If obtained before Justice of Peace, 6 years. (*h*) On foreign judgments 1 year. (*i*) Is a lien on real estate for only 10 years. (*j*) Any rate, but only 6 per cent can be collected at law. (*k*) And indefinitely by having execution issue every 5 years. (*l*) Ten years foreign, 20 years domestic.

YEARS IN WHICH A GIVEN AMOUNT WILL DOUBLE AT SEVERAL RATES OF INTEREST.

Rate.	At Simple Interest.	At Compound Interest.			Rate.	At Simple Interest.	At Compound Interest.		
		Compounded Yearly.	Compounded Semi Annually.	Compounded Quarterly.			Compounded Yearly.	Compounded Semi-Annually.	Compounded Quarterly.
1	100 years.	69.660	69.487	69.237	6	16.67	11.896	11.725	11.639
1½	66.66	46.556	46.382	46.297	6½	15.38	11.007	10.836	10.750
2	50.00	35.003	34.830	34.743	7	14.29	10.245	10.074	9.966
2½	40.00	28.071	27.899	27.748	7½	13.33	9.584	9.414	9.328
3	33.33	23.450	23.278	23.191	8	12.50	9.006	8.837	8.751
3½	28.57	20.149	19.977	19.890	8½	11.76	8.497	8.327	8.241
4	25.00	17.673	17.501	17.415	9	11.11	8.043	7.874	7.788
4½	22.22	15.747	15.576	15.490	9½	10.52	7.638	7.468	7.383
5	20.00	14.207	14.035	13.949	10	10.00	7.273	7.103	7.313
5½	18.18	12.942	12.775	12.689	12	8.34	6.116	5.948	5.862

SIMPLE INTEREST TABLE.

(Showing at Different Rates the Interest on $1 from 1 Month to 1 year, and on $100 from 1 Day to 1 Year.)

Time.	4 Per Cent.			5 Per Cent.			6 Per Cent.			7 Per Cent.			8 Per Cent.		
	Dollars.	Cents.	Mills.	Dollars.	Cents.	Mills.	Dollars.	Cents.	Mills.	Dollars.	Cents.	Mills.	Dollars.	Cents.	Mills.
One Dollar 1 month	..	..	3	..	..	4	..	..	5	..	..	5	..	.	6
" 2 "	..	..	7	..	..	8	..	1	..	..	1	1	..	1	3
" 3 "	..	1	2	..	1	6	..	1	5	..	1	7	..	2	..
" 6 "	..	2	..	..	2	5	..	3	..	..	3	5	..	4	..
" 12 "	..	4	..	..	5	..	..	6	..	..	7	..	..	8	.
One Hundred Dollars 1 day	.	1	1	..	1	3	..	1	6	..	1	9	..	2	2
" " 2 "	..	2	2	..	2	7	..	3	2	..	3	8	..	4	4
" " 3 "	..	3	4	..	4	1	..	5	.	..	5	8	..	6	7
" " 4 "	..	4	5	..	5	3	..	6	6	..	7	7	..	8	9
" " 5 "	..	5	6	..	6	9	..	8	2	..	9	7	..	11	1
" " 6 "	.	6	7	..	8	3	..	10	..	..	11	6	..	13	3
" " 1 month	.	33	4	..	41	6	.	50	..	..	58	3	.	66	7
" " 2 "	.	66	7	.	83	2	1	.	..	1	16	6	1	33	3
" " 3 "	1	..	..	1	25	..	1	50	..	1	75	..	2	.	..
" " 6 "	2	..	..	2	50	..	3	..	..	3	50	..	4	..	..
" " 12 "	4	..	..	5	..	..	6	..	..	7	.	..	8	.	..

The Famous Old People of 1900.

Age. (Age at the last birthday is given. The list was made up for January 1, 1900.)

97. Ex-Senator Bradbury, of Maine.
96. Thomas Sidney Cooper, R. A.; Rev. Dr. Thomas L. Sawyer, oldest minister of Universalist Church.
95. Hon. David Wark, "Father of the Canadian Senate."
94. James Martineau, philosopher; Benjamin D. Silliman, oldest living graduate of Yale.
92. Ernest W G. B. Legouve, oldest French Academician.
90. Cassius M. Clay. Admiral Keppel, R. N.; ex-Secretary of the Navy Thompson.
89. Pope Leo XIII., Lord Armstrong.
87. Samuel Smiles, biographer; Bishop Clark, of Rhode Island; Charles L. Tiffany, jeweller; ex-Senator John H. Reagan, of Texas.
85. Verdi, the composer; Baroness Burdett-Coutts.
84. Elizabeth Cady Stanton, Adolf Menzel, German painter.
83. Ex-Senator Dawes, Rev. Newman Hall, Daniel Huntington, painter; Philip James Bailey, poet; Parke Godwin, Russell Sage, Bishop Wilmer, Josiah Crosby, of Maine.
82. Professor Mommsen, historian; King Christian of Denmark, Sir Joseph Hooker, botanist; ex-Senator John M. Palmer, Erastus Dow Palmer, sculptor, of Albany, N. Y.; George F. Watts, R. A.
81. Ex-Senator Evarts, Prince de Joinville, ex-Senator Hampton, Professor Bain, ex-Secretary Boutwell.
80. Queen Victoria, ex-Prime Minister Crispi, General Longstreet, John Ruskin, Lord Playfair, Duke of Cambridge, Julia Ward Howe, Bishop Huntington, Dr. Thomas Dunn English.
79. Herbert Spencer, John Tenniel, cartoonist; Florence Nightingale, Mrs. G. H. Gilbert, actress; Princess Mathilde Bonaparte, Susan B. Anthony.
78. Professor Virchow, Duc de Broglie, Sir William H. Russell, journalist; Rev. Dr. Storrs, Sir Charles Tupper, Ristori, tragic actress; Sims Reeves, singer; Prince Hohenlohe-Schillingfuerst.
77. Bishop Whipple, Got, French comedian; Edward Everett Hale, Professor Alfred R. Wallace, Abram S. Hewitt, Rev. Henry M. Field, Donald G. Mitchell, Rev. Dr. Theodore L. Cuyler.
76. Duke of Argyll, Thomas Wentworth Higginson, Max Muller, ex-Secretary Sherman, Professor Goldwin Smith, ex-Speaker Grow, Li Hung Chang, Rev. Dr. Robert Collyer, Miss Yonge, novelist.
75. Professor Huggins, astronomer; Eastman Johnson, painter; ex-Vice-President Levi P. Morton, George Macdonald, novelist.
74. Sir William Aitken, pathologist; Richard H. Stoddard, poet; Professor March, philologist.
73. Karl Blind, Marquis of Dufferin, ex-Empress Eugenie, Senator Hoar.
72. Sir William Harcourt, statesman; Pere Hyacinthe, Professor St. George Mivart, Sagasta, Spanish statesman; J. H. Stoddart, comedian; Marquis of Ripon.
71. Sir Henry James, lawyer; De Freycinet, French statesman; ex-Senator Edmunds, General Gourko, Russian commander; Ibsen, dramatist; ex-President Dwight, of Yale; Jules Verne, Count Tolstoi, Justice Gray, of the Supreme Court; King Albert of Saxony, Berthelot, French statesman; ex-Mayor Strong, of New York; Lord Pauncefote, Clara Barton.
70. General Booth, Salvation Army leader; Joseph Jefferson, Carl Schurz, Senator Allison, Senator Cullom, King Oscar of Sweden and Norway, Viscount Peel, Murat Halstead.
69. President Diaz, of Mexico; Emperor Francis Joseph, ex-Queen Isabella, J. Q. A. Ward, sculptor; Rev. Joseph Parker, English pulpit orator; Marquis of Salisbury, Albert Bierstadt, Louise Michel, French agitator; Salvini, tragedian; ex-Secretary Tracy, Mme. Janauschek, actress; General Oliver O. Howard.
68. Archdeacon Farrar, General Gallifet, French soldier; President Gilman, of Johns Hopkins; George J. Goschen, Frederick Harrison, positivist; Henry Labouchère, journalist; Henri Rochefort, Victorien Sardou, General Schofield, Senator Frye, Joachim, violinist; Sir George Nares, Arctic explorer; Ambassador Choate.
67. Field Marshal Lord Roberts, British Army; Rev. Dr. Talmage, Maggie Mitchell, actress; Sir Edwin Arnold, poet; Professor Vambery, Andrew D. White, Justice Shiras, Professor William Crookes, General Gordon, of Georgia; ex-Senator Quay, General Ignatieff, George H. Boughton, R. A.
66. Chief Justice Fuller, Field Marshal Lord Wolseley, Denman Thompson, actor; Justice Harlan, ex-President Harrison, Duke of Devonshire (Lord Hartington), Edmund Clarence Stedman, poet; John L. Toole, comedian; Lewis Morris, poet; Frank Stockton, novelist.
65. Senator Depew, President Eliot, of Harvard University; Augustus J. C. Hare, author; Sir John Lubbock, Cardinal Gibbons.

---

64. Leopold II., King of the Belgians; Whistler, painter; Rev. Lyman Abbott, President Charles K. Adams, Bouguereau, French painter; ex-Secretary Carlisle, Andrew Carnegie, Bishop Potter, Theodore Thomas, Paul Du Chaillu, "Mark Twain," Charles Francis Adams, Alfred Austin, poet; Major-General Shafter.
63. Edward John Poynter, President of the Royal Academy; Professor C. F. Chandler, Thomas Bailey Aldrich, Alma-Tadema, painter; W. S. Gilbert, dramatist; Brigadier-General Joseph Wheeler, Major-General Wesley Merritt, Joseph Chamberlain, ex-Secretary Alger.
62. Ex-President Cleveland, Whitelaw Reid, General Horace Porter, W. D. Howells, novelist; General Lew Wallace, William L. Alden, author; Dr. Angell, ex-Minister to Turkey; Edward Eggleston, novelist; Dwight L. Moody, evangelist; Justices Brewer and Peckham, Miss Braddon, Swinburne, poet; Rear-Admiral Dewey.
61. Sir Walter Besant, novelist; Professor James Bryce, Archibald Forbes, journalist; John Hay, Secretary of State; Sir Henry Irving, Lecky, historian; John Morley, John Wanamaker, President Loubet, Bret Harte, Generals Brooke and E. S. Otis.
60. Rear-Admiral Schley, General Sir Redvers Buller, General Miles, ex-Speaker Thomas B. Reed, Archbishop Corrigan.

At what age does one become "old"? Five centuries ago a man was old at fifty. But the hale and hearty gentleman of to-day who has just turned sixty would probably protest against being classed among old people, even if famous. That his susceptibilities may not be wounded, therefore, a separating dash has been discreetly introduced after age sixty-five.

Record of Events in 1899.

Jan. 1. Hostilities began in Samoa between rival claimants for the throne.

Jan. 6. Lord Curzon of Kedleston assumed the Viceroyalty of India.

Jan. 9. Railroad wreck at West Dunellen, N.J.; seventeen dead, fifty badly injured.

Jan. 12. Commissary-General Eagan aspersed the veracity of General Miles before the War Investigating Committee at Washington.

Jan. 23. Dr. Newell Dwight Hillis accepted the call to Plymouth Church, Brooklyn.

Jan. 25. Adelina Patti married Baron Cederstrom at Brecon, Wales.

Feb. 1. The American flag was raised at Guam; Commander Taussig, of the Bennington, first Governor.

Feb. 6. Prince Alfred, heir to the dukedom of Saxe-Coburg and Gotha, died.

Feb. 7. Commissary-General Eagan was suspended for six years from the army. The court-martial had recommended dismissal from army.

Feb. 10. The President signed the Peace Treaty with Spain.

Feb. 15. Fire in Brooklyn Navy Yard destroyed $1,000,000 worth of property.

Feb. 16 President Faure, of France, died suddenly.

Feb. 18. M. Emile Loubet was elected President of France.

Feb. 20. Russia deprived Finland of certain liberties in home government.

Feb. 28. Roland B. Molineux was arrested for the murder of Mrs. Kate J. Adams in New York. He was first indicted March 1.

March 1. The Sagasta Ministry resigned in Spain.

March 1. Steamer Labrador was wrecked off Scottish coast, near Tobormory. No lives lost.

March 5. China refused Italy's demand for a lease of San Mun Bay as a naval base.

March 5. Naval powder magazine at Toulon, France, was blown up, with sixty killed, 100 injured.

March 7. Josephine, the six-year-old daughter of Rudyard Kipling, died of pneumonia in New York.

March 17. Windsor Hotel, New York, was burned, with great loss of life.

March 17. The Queen Regent of Spain signed the treaty of peace between Spain and the United States.

March 20. Mrs. Place was electrocuted at Sing Sing, N.Y., for the murder of her stepdaughter.

March 21. Anglo-French treaty, agreeing on Nile boundary, was signed.

March 30. English excursion steamer Stella was lost on Casquet Rocks, near island of Alderney; 73 persons drowned.

March 31. Dr. Samuel J. Kennedy convicted, at New York, of the murder of Dolly Reynolds.

April 1. Attack on American and British naval forces by Mataafa's followers at Apia, Samoa; one British and two American officers killed.

April 4. Cuban Military Assembly voted to disband army and to dissolve.

April 5. Marriage of William K. Vanderbilt, Jr., and Miss Virginia Fair at Newport, R. I.

April 7. Fatal fire at residence of Wallace C. Andrews in New York; several persons burned to death.

April 11. "Idle Hour," country home of William K. Vanderbilt, on Long Island, burned.

April 18. Resolutions were introduced in the Massachusetts Legislature revoking the order banishing Roger Williams in 1635.

April 21. Ex-Senator Quay, of Pennsylvania, was acquitted of a charge of conspiracy to use State funds for private gain.

April 23. Sam Hose, a negro, was burned by a Georgia mob for the murder of Mr. and Mrs. Crawford.

April 25. Three hundredth anniversary of Cromwell's birth was celebrated in England.

April 27. Tornado in Northern Missouri; very severe at Kirksville and Newtown. Forty-two persons killed and more than 100 injured.

April 28. Mrs. Annie E. George was acquitted of charge of murdering George D. Saxton, at Canton, Ohio.

April 28. Marriage of Mrs. Jessie A. Sloane and Perry Belmont at Greenwich, Ct.

April 29. Rioting miners at Cœur d'Alene, Idaho, destroyed mining property.

May 2. The Italian Cabinet resigned.

May 4. Andrew Carnegie sold his interest in the Carnegie Steel Company.

May 12. Ex-Gov. Roswell P. Flower died.

May 13. Fatal collision on the Reading Railroad; twenty-five killed and about fifty injured.

May 14. Rev. Dr. Charles A. Briggs was ordained to the Protestant Episcopal priesthood.

May 15. Tuberculosis Congress at Berlin convened.

May 16. Dr. Edward E. Hale resigned pastorate of South Congregational Church, Boston, after forty-three years' service

May 16. The Earl of Strafford was killed by railroad train in England.

May 21. The steamship Paris ran aground on the Manacles. She was afterward towed off and saved.

May 21. Baby Marion Clark was kidnapped at New York. She was found at Garnersville, N. Y., June 1. Barrow, the kidnapper, and his accomplices were tried, convicted, and sentenced to imprisonment

May 25. Prof. Arthur T. Hadley was chosen President of Yale University.

May 30. President Kruger, of the Transvaal, and Sir Alfred Milner conferred at Bloemfontein regarding the grievances of the Outlanders.

May 30. Bronze bust of Thomas Paine was unveiled at New Rochelle, N. Y.

June 1. Major Marchand was received with enthusiasm in France.

June 2. French Court of Cassation decided in favor of a revision of the Dreyfus verdict.

June 3. Esterhazy admitted that he wrote the bordereau in the Dreyfus case.

June 4. President Loubet, of France, was attacked by a mob at the races.

June 8. General Luna, the Filipino leader, was assassinated by order of Aguinaldo.

June 12. The Dupuy Ministry in France was defeated by a vote of 321 to 173, and resigned.

June 12. Tornado in Minnesota and Wisconsin. Two hundred and fifty killed at New Richmond, Wis.

June 14. Bronze statue of ex-President Arthur was unveiled in Madison Square, New York.

June 15. The first formal meeting of the Venezuelan Arbitration Commission opened.

June 16. United States Minister Bellamy Storer was received in formal audience by the Queen Regent of Spain.

June 22. M. Waldeck-Rousseau succeeded in forming a new French Ministry.

June 26. The Shamrock launched on the Thames.

June 26. The International Council of Women opened in London.

June 29. Harvard was victorious in three boat races with Yale.

July 4. Floods in Texas; three hundred negroes were drowned.

July 7. President's call for ten regiments to quell insurrection in Philippines was issued.

July 7. Augustin Daly, dramatist and theatrical manager, died in Paris.

July 7. The wife of Capt. Francis W. Dickins, U.S.N., was killed by gasoline explosion at Washington.

July 10. Death of Grand Duke George of Russia, Czarevitch.

RECORD OF EVENTS IN 1899—*Continued.*

July 14. French soldiers killed their officers in French Soudan.

July 16. Beginning of strike on Brooklyn Rapid Transit lines.

July 19. Secretary of War Alger resigned. Elihu Root succeeded him July 22.

July 20. Five Italians were lynched at Tallulah, La., for the murder of Dr. J. F. Hodge.

July 24. Reciprocity treaty with France was signed.

July 26. President Heureaux, of San Domingo, was assassinated.

July 27. Robert G. Ingersoll died.

July 29. Final sitting of Peace Conference at The Hague.

July 30. Yellow fever broke out at Hampton, Va.

Aug. 6. Disaster to a trolley car at Bridgeport, Ct., caused 29 deaths.

Aug. 6. Ferry gangplank gave way at Bar Harbor, Me.; twenty drowned.

Aug. 7. Dreyfus trial opened at Rennes, France.

Aug. 8. Hurricane in Porto Rico; reported 2,000 were killed.

Aug. 14. Attempted assassination of Maitre Labori at Rennes.

Aug. 20. Anti-government riot and bloodshed in Paris.

Aug. 27. Revolution in the Dominican Republic succeeded.

Sept. 9. The court-martial at Rennes, France, declared Captain Dreyfus guilty.

Sept. 12. Cornelius Vanderbilt died.

Sept. 14. National Export Exposition opened at Philadelphia.

Sept. 19. Captain Dreyfus was pardoned.

Sept. 21. Anti-Trust Conference at Chicago ended.

Sept. 26. Admiral Dewey arrived in New York Harbor.

Sept. 28. The Seventh International Geographical Congress opened in Berlin.

Sept. 29. Naval parade in New York Harbor in honor of Admiral Dewey.

Sept. 30. A land parade in the City of New York in honor of Admiral Dewey.

Oct. 2. The Venezuelan Boundary Commission announced its award.

Oct. 9. The President laid the corner-stone of the new Federal Building at Chicago, after great military and civic review.

Oct. 10. The Transvaal Republic sent an ultimatum to Great Britain and invaded Natal October 12, which began the South African war.

Oct. 12. England and the United States agreed on a temporary arrangement of Alaska boundary dispute.

Oct. 12. Reported earthquake in Java, killing 4,000 people.

Oct. 14. The Dismal Swamp Canal was opened. It was originally surveyed by George Washington.

Oct. 20. General Jimenez was elected President of the Dominican Republic.

Oct. 20. The American yacht Columbia won the third straight race from Shamrock.

Nov. 7. Cruiser Charleston was wrecked on a reef on northwest coast of Luzon, Philippines.

Nov. 8. England relinquished its territorial claims in Samoa.

Nov. 8. Memorial to Miss Winnie Davis, the "Daughter of the Confederacy," was unveiled at Richmond, Va.

Nov. 9. Admiral George Dewey was married to Mrs. Mildred M. Hazen at Washington, D. C.

Nov. 12. Puerto Cabello, Venezuela, surrendered to General Castro after holding out for two days.

Nov. 15. Roland B. Molineux was placed on trial for murder.

Nov. 19. Rev. Dr. Richard S. Storrs resigned as pastor of the Church of the Pilgrims, Brooklyn, N.Y.

Nov. 20. Kaiser Wilhelm arrived at Windsor Castle on a visit to England.

Nov. 21 Vice-President Hobart died at Paterson, N. J.

Nov. [illegible]. The Khalifa of the Soudan was killed in battle.

Nov. 24. Kaiser Wilhelm visited Blenheim Palace, England.

Nov. 28. Harper Brothers' publishing house, New York, failed.

Dec. 2. Samoan partition treaty was signed at Washington.

Dec. 4. The Fifty-sixth Congress convened

Dec. 6. A mob at Maysville, Ky., burned a negro for assaulting and killing a white woman.

For events in the Philippine war see page 91; for the South African war see page 94.

The Venezuelan Award.

THE Anglo-Venezuelan Boundary Arbitration Commission, after a session at Paris, France (beginning June 15, 1899), on October 3, 1899, rendered the following award by unanimous agreement.

The arbitrators were Chief Justice Fuller, Associate Justice Brewer, Lord Chief Justice Russell of Killowen, Sir Richard Henn Collins, and Professor Martens. Ex-President Harrison, General B. F. Tracy, M. Mallet-Prevost, and the Marquis of Rojas were counsel for Venezuela, and Attorney-General Sir Richard Webster and Sir Robert Reed for Great Britain.

The undersigned, by these presents, give and publish our decision determining and judging, touching and concerning the questions that have been submitted to us by said arbitration; and, in conformity with said arbitration, we decide, declare, and pronounce definitely that the line of frontier of the colony of British Guiana and the United States of Venezuela is as follows:

Starting on the coast at Point Playa, the frontier shall follow a straight line to the confluence of the Barima and the Maruima, thence following the thalweg of the latter to the source of the Corentin, otherwise called the Cutari, River.

Thence it shall proceed to the confluence of the Haiowa and the Amakuru; thence following the thalweg of the Amakuru to its source in the Plain of Imataka; thence in a southwesterly direction along the highest ridge of the Imataka Mountains to the highest point of the Imataka Chain, opposite the source of the Barima and the principal chain of the Imataka Mountains; thence in a southeast direction to the source of the Acarabisi.

Following the thalweg of the Acarabisi to the Cuyuni, the northern bank of which it shall follow in a westerly direction to the confluence of the Cuyuni and the Vanamu; thence along the thalweg of the Vanamu to its westernmost source, thence in a straight line to the summit of Mount Roraima; thence to the source of the Cotinga.

From this point the frontier shall follow the thalweg of the Cotinga to its confluence with the Takutu; thence along the thalweg of the Takutu to its source; thence in a straight line to the most western point of the Akarai Mountains, the highest ridge of which it shall follow to the source of the Corentin, whence it will follow the course of the river.

It is stipulated that the frontier hereby delimitated reserves and in no way prejudices questions actually existing or that may hereafter arise between Great Britain and the Republic of Brazil, or between the Republic of Brazil and Venezuela. In fixing the above delimitation, the arbitrators consider and decide that, in time of peace, the Rivers Amakuru and Barima shall be open to navigation by the merchant shipping of all nations, due reserve being made with regard to equitable regulations and the payment of like dues and other like imposts, on condition that the dues levied by Venezuela and British Guiana on ships traversing the parts of those rivers owned by them respectively shall be imposed in accordance with the same tariff on Venezuelan and British vessels. These tariffs are not to exceed those of all other countries. The award proceeds also upon the condition that neither Venezuela nor British Guiana shall impose any customs duty on goods carried in vessels, ships, or boats passing through these rivers, such customs being levied only on goods landed upon Venezuelan territory or on the territory of Great Britain respectively.

Death Roll of 1899.

Age at death is given in parentheses · vocation, place, cause, and time of death when known follow.

Abdullah el Taishi, Khalifa of the Soudan (50), near Jebel Gedir, Soudan; killed in battle. Nov 24.
Alfred, Prince, son and heir of the Duke of Saxe-Coburg and Gotha (25), at Meran, brain malady, Feb. 6.
Alger, Horatio (65), writer of juvenile books, Natick, Mass , July 18.
Allen, Grant (51), author and naturalist, London, England, Oct. 25
Annenkoff, Michel (61), Russian engineer and soldier, St. Petersburg, Jan. 22.
Appleton, William H. (85), publisher, Riverdale, N. Y., Oct 19.
Armstrong, Sir Alexander, British naval officer and Arctic explorer, London, July 5.
Aspinwall, Lloyd (38), clubman, New York, nephritis. July 10.
Atherton, Alice (40), actress, New York, pneumonia, Feb 4.
Atkinson, William Y (45), ex-Governor of Georgia, Newnan, Ga., Aug. 8.
Averoff, George (70), Greek philanthropist, Alexandria, Egypt, Aug. 3.
Baker, Lewis (67), journalist and diplomat, Washington, D. C., pernicious anæmia, April 30.
Barrows, Walter M. (52), Congregational clergyman, Mackinaw Island, Mich., Bright's disease, Aug .10.
Bartlett, David L. (83), iron manufacturer, Baltimore, Md., pneumonia, May 11
Bausa, Augustine (78), Cardinal Archbishop of the Roman Catholic Church, Florence, Italy, April 15.
Baxter, Elisha (72), ex-Governor of Arkansas, Batesville, Ark., June 2.
Beaufort, Duke of, Henry Charles Fitzroy Somerset (76), London, April 30.
Becker, Thomas A. (67), Roman Catholic Bishop of Savannah, Washington, D. C., July 29.
Berry Charles A. (47), clergyman, Bilston, England, Jan 31.
Biddle, Alexander (89), ex-soldier and railroad man, Philadelphia, Pa., May 2.
Blaikie, William G. (79), clergyman and theological writer, North Berwick, Scotland, June 11.
Blanco, Antonio Guzman (70), ex-President of Venezuela, Paris, France, July 29.
Bland, Richard P. (64), Representative in Congress, Lebanon, Mo., grip, June 15.
Bonaparte, Prince Napoleon Charles (64), Rome, Feb. 12.
Bonheur, Rosa (78), animal painter, Fontainebleau, France, May 25.
Bonner, Robert (75), publisher and horseman, New York, general debility, July 6.
Brentano, August (46), bookseller, Flushing, L. I., May 10.
Bright, Jacob (78), M. P , brother of John Bright, Rochdale, England, Nov 8
Brumby, Thomas M (44), Lieutenant U. S. N., Dewey's flag lieutenant at Manila, Washington, D. C., typhoid fever, Dec 17.
Buckalew, Charles R. (78), ex-United States Senator, Bloomsburg, Pa., May 19.
Buechner, Frederick, K. C. L., scientist and author, Darmstadt, Germany, May 1.
Bunsen, Robert Wilhelm Eberhard (89), scientist, Heidelberg, Germany, Aug. 16.
Busch, Moritz, the biographer of Bismarck, Germany, Nov 16.
Carpenter, Charles C., Rear-Admiral U. S. N., retired, Boston, suicide, April 1.
Castelar, Don Emilio (67), Spanish statesman, Murcia, Spain, pulmonary catarrh, May 25.
Chauncey, Henry, Jr. (43), Colonel Eighth Regiment, N. G. N Y. Lenox, Mass., Sept. 27.
Chennevieres, Charles Philippe de, Marquis (79), officer of several art institutes in Paris, Paris, France, April 2
Cherbuliez, Charles Victor (70), novelist and critic, Paris, France, July 1.
Chickering, George H., piano manufacturer, Boston, Nov. 19.
Chitty, Sir Joseph William (71), jurist, London, England, Feb. 15.
Cilley, Bradbury F. (61), professor of ancient languages, Exeter, N. H., March 31.
Clarke, John S. (66), comedian and theatrical manager, England, Sept. 25.
Clinton, Henry L. (79), lawyer, New York, Bright's disease and rheumatism.
Cole, E. W. (65), coal and iron operator, New York, heart disease, May 24.
Colomb, Philip Howard (68), Vice-Admiral British Navy, Botley, England, Oct. 14.
Copleston, John H., journalist, Brighton, England, June 5.
Crawford, John W. (36), Representative in Congress from Texas, Washington, D. C., heart disease, March 2.
Crosby, Pierce (76), Rear-Admiral U. S. N., retired, Washington, D. C., June 15.
Daly, Augustin (61), dramatist and theatrical manager, Paris, heart disease, June 7.
Daly, Charles P. (84), jurist, Sag Harbor, L. I., apoplexy, Sept. 19
Danford, Lorenzo (70), Representative in Congress from Ohio, St. Clairsville, O., heart disease, June 19.
Danforth, George F. (80), jurist, Rochester, N. Y., apoplexy, Sept. 25.
Davis, George R. (59), Director-General of the World's Fair at Chicago, 1893, Chicago, Ill., heart disease, Nov. 25.
Dawson, Sir John William (79), educator, geologist, and scientific author, Montreal, Canada, Nov. 19.
De Goesbriaud, Louis (83), Roman Catholic Bishop of Burlington, Burlington, Vt., old age, Nov. 3.
D'Ennery, Adolphe Philippe (88), playwright, Paris, Jan. 25.
Dingley, Nelson (67) statesman, Washington, D. C., pneumonia, Jan. 13.
Duggan, James (74), Roman Catholic Bishop, St. Louis, March 27.
Edeson, George R. (60), comedian, Philadelphia, Pa., April 18.
Edgar, Sir James, Canadian statesman, Toronto, Canada, July 31.
Egbert, Harry C. (60), Colonel U. S. A., killed in battle in the Philippines, March 26.
Ellerbe, William H. (40), Governor of South Carolina, Sellers, S. C., consumption, June 2.
Ellis, Thomas E. (40), Liberal whip, M. P., London, England April 5.
Erckmann, Emile (77), novelist, collaborated with Chatrian, Lunneville, France, March 14.
Ermentrout, Daniel (62), Representative in Congress, Reading, Pa., Sept. 17.
Esher, Viscount William Baliol Brett (84), Master of the Rolls, London, England, May 24.
Eustis, James B. (65), ex-Ambassador to France, Newport, R. I., pneumonia, Sept. 9.
Farrer Baron Thomas H. (80), writer on trade and finance, England, Oct 12
Faure, Francois Felix (58), President of France, Paris, apoplexy, Feb. 16
Field, Stephen J. (83), Associate Justice U. S. Supreme Court, Washington, D.C., kidney disease, April 9.

Field, Walbridge A. (66), Chief Justice of Massachusetts, Boston, Mass., heart disease, June 15.
Flagler, Daniel W., Brigadier-General U. S. A., Chief of Ordnance, Old Point Comfort, Va., rheumatism, March 29.
Flower, Roswell P. (64), financier, ex-Governor of New York, Eastport, L. I., heart disease, May 12.
Force, Manning F., soldier and jurist, Sandusky, O., May 8.
Ford, Sir Francis Clare (69), British diplomatist, Paris, France, Jan. 31.
Foster, Birket (74), artist, London, March 28.
Galton, Sir Douglas (77), sanitarian, England, March 10.
Garland, Augustus H. (67), statesman, ex-Attorney-General, Washington, D. C., apoplexy, Jan. 26.
George Alexandrovitch, the Czarevitch, Grand Duke of Russia (28), consumption, June 10.
Goelet, Robert (58), financier and real estate owner Naples, Italy, heart failure, April 27.
Grant, Baron Albert (69), promoter, London, Aug. 30.
Greene, George S. (98), soldier and civil engineer, Morristown, N. J., old age, Jan. 28.
Greene, Nathanael (90), President Rhode Island Society of the Cincinnati, Middletown, R. I., July 8.
Harlan, James (79), ex-Secretary of the Interior, ex-United States Senator from Iowa, Mt. Pleasant, Ia., congestion of the lungs, Oct. 5.
Harris, Samuel (85), Professor Emeritus Yale Theological Seminary, Litchfield, Ct., old age, May 28.
Hayden, Henry Rogers (62), insurance journalist, East Hartford, Ct., cancer, March 2.
Hayward, Monroe Leland (59), United States Senator from Nebraska, Nebraska City, Neb., paralysis, Dec. 5.
Heine, Charlotte (99), sister of the poet Heine, Germany, Oct. 14.
Henry, Guy V. (60), Brigadier-General U. S. A., New York, pneumonia, Oct. 27.
Herschell, Farrer, Baron (62), statesman, former Lord Chancellor of England, Washington, D. C., angina pectoris, March 1.
Hervé, Aimé Marie Edouard (64), journalist, Member French Academy, Paris, Jan. 4.
Heth, Henry (74), ex-Confederate general and historian, Washington, D. C., Bright's disease, Sept. 27.
Heureaux, Ulisses (53) President San Domingo, assassinated, July 26.
Higgins, Eugene (57), politician, Baltimore, pneumonia, Jan. 13.
Hilton, Henry (75), financier and lawyer, Saratoga, N. Y., Aug. 24.
Hirsh, Baroness Clarade, philanthropist, Paris, France, April 1.
Hobart, Garret A. (55) Vice-President of the United States, Paterson, N. J., heart disease, Nov. 21.
Hoffman, Walter J. (45), surgeon and naturalist, Reading, Pa., consumption, Nov. 9.
Holliday, Frederick W. M. (71), ex-Governor of Virginia, May 28.
Holmes, John (87), classical scholar, brother of Oliver Wendell Holmes, Cambridge, Mass., Jan. 27.
Hornby, Sir Windham, K. C. B. (87), British Admiral, London, England, apoplexy, June 28.
Howell, George R. (66), State Archivist of New York, Albany, N. Y., pneumonia, April 6.
Hutchinson, Benjamin P. (70), grain speculator, "Old Hutch," Lake Geneva, Wis., heart disease, March 16.
Hyde, Henry B. (65), President Equitable Life Assurance Society, New York, heart disease, May 2.
Ingersoll, Robert G. (66), orator and lawyer, Dobbs Ferry, N. Y., heart disease, July 21.
Ismay, Thomas Henry (62), founder White Star line, London, England, Nov. 23.
Ives, Frank (33), champion billiard player, at Progreso, Mexico, consumption, Aug. 31.
Jackson, Cornelia Jefferson (62), actress, New York, March 2.
Jewett, Sara, actress, Cambridge, Mass., Feb. 27.
Johnson, Helen C., superintendent of Massachusetts Woman's Reformatory, London, England, angina pectoris, June 28.
Johnston, William Preston (68), President of Tulane University, New Orleans, Lexington, Va., July 16.
Jones, Henry (68), "Cavendish," whist expert and surgeon, England, Feb. 16.
Julian, George W. (82), lawyer, ante-bellum member of Congress and abolitionist, Irvington, Ind., July 7.
Kaiulani, Hawaiian Princess (23), Honolulu, inflammatory rheumatism, March 6.
Keeley, Mrs Robert (93), actress, London, pneumonia, March 12.
Kellogg, Samuel H. (60), theologian and missionary, Landour, India, apoplexy, May 2.
Kemper, Delaware, ex-Confederate general, U. S. Consul to Amoy, China, Alexandria, Va., June 30.
Krementz, Philippe (80), Cardinal Archbishop of Cologne, Cologne, Germany, May 5.
Lamson, Charles M. (56), clergyman, St. Johnsbury, Vt., neuralgia of the heart, Aug. 8.
Lawrence, William (80), ex-Comptroller of the Treasury, jurist and writer, Bellefontaine, O., May 8.
Leitner, Gottlieb W. (69), linguist (Oriental languages), Bonn, Germany, March 24.
Leland, Warren F. (55), hotel proprietor, New York, appendicitis.
Logan, John A. (34), Major U. S. A., killed in battle in the Philippines, Nov. 12.
Lord, Daniel (53), lawyer, New York, pleurisy, April 5.
Luna, Antonio, Filipino General, assassinated in the Philippines, June 8.
MacKenzie, John, missionary and administrator, Griqualand West, South Africa, in March.
Marie Louise, Princess Ferdinand of Bulgaria (29), Sofia, pneumonia, Jan. 31.
Marlborough, Duchess of, Frances Anne (77), widow of the seventh Duke, London, England, bronchial catarrh, April 16.
Marryat, Florence (62), author and actress, London, England, Oct. 27.
Marsh, Othniel Charles (67), palæontologist Yale University, New Haven, Ct., pneumonia, March 18.
Mathews, Lizzie Weston, actress, widow of Charles Mathews, Brighton, England, Jan. 4.
McKinney, Philip W. (65), ex-Governor of Virginia, Farmville, Va., March 1.
McLellan, Isaac (93), "Poet of the Rod and Gun," Greenport, L. I., Aug. 20.
Medill, Joseph (76), journalist, editor of the Chicago *Tribune*, San Antonio, Tex., March 16.
Menier, Albert (40), chocolate manufacturer, near Paris, heart disease, July 30.
Mergenthaler, Ottmar (45), inventor of the linotype machine, Oct. 28.
Merrill, Samuel (77), ex-Governor of Iowa, Los Angeles, Cal., paralysis, Aug. 31.
Mertel, Theodolphus (93), Cardinal, Allumiere, Italy, July 11.
Miles, William Porcher (77), sugar planter, former statesman, Burnside, La., May 11.
Miller, Lewis (70), President of Chautauqua Assembly, manufacturer and philanthropist, New York, Feb. 17.
Moir, John (92), ex-President of the Royal College of Physicians and Surgeons, Edinburgh, Scotland, May 14.
Monier-Williams, Sir Monier (80), Sanscrit scholar, England, April 11.
Moore, John G. (52), banker, New York, June 23.
Morrill, Justin S. (89), U. S. Senator from Vermont (served forty-four years, longer than any other member of either house), Washington, D. C., pneumonia, Dec. 28, 1898.
Mowbray, Sir John R. (84), Father of the House of Commons, London, England, April 23.

Murray, James O. (72), Dean of Princeton University, Princeton, N. J., stomach trouble, March 27.
Napier, Francis, Baron Napier and Ettrick (80), British diplomatist and administrator, Florence, Italy, Dec. 19, 1898.
Neely, Henry Adams (69), Protestant Episcopal Bishop of Maine, Portland, Me., Oct. 31.
Newman, John P. (73), Methodist Episcopal Bishop, Saratoga, N. Y., July 5.
Nicholson, Henry A. (55), naturalist, Jan. 19.
Northumberland, Duke of, Algernon George Percy (89), London, Jan. 2.
"Nun of Kenmare," "Sister Mary Frances Clare," Mary Frances Cusack (69), writer, Leamington, England, June 7.
Oglesby, Richard J. (75), ex-United States Senator and ex-Governor of Illinois, Elkhart, Ill., April 24.
O'Hara, William (82), Roman Catholic Bishop of Scranton, Scranton, Pa., Feb. 3.
Pacheco, Romualdo, ex-Governor of California, Oakland, Cal., Bright's disease, Jan. 24.
Pailleron, Edouard J. H. (65), poet and dramatist, Paris, France, April 20.
Penzance, James Plaisted (83), British jurist, England, Dec. 11.
Perry, Amos (87), historian, Librarian of the Rhode Island Historical Society, New London, Ct., apoplexy, Aug. 11.
Picking, Henry (59), Rear-Admiral U. S. N., Boston, Mass., heart disease, Sept. 8.
Pierce, Henry Niles, Protestant Episcopal Bishop of Arkansas, Little Rock, Sept. 5.
Pierpont, Francis H. (84), first Governor of West Virginia, Pittsburgh, Pa., March 24.
Pillsbury, Charles A. (57), miller, Minneapolis, Minn., heart trouble, Sept. 17.
Plant, Henry B. (80), founder of Plant system of railways, New York City, heart disease, June 23.
Ponisi, Mme. (80) [Elizabeth Wallis], actress, Washington, D. C., Feb. 20.
Pope, Charles R. (67), theatrical manager, New York City, July 2.
Post, Lily, comic opera singer, San Francisco, Cal., heart trouble, April 5.
Price, Sir Rose Lambert (62), author and soldier, London, England, April 17.
Prince, Frederick O. (81), ex-Mayor of Boston, Boston, Mass., June 6.
Rector, Henry M. (83), ex-Governor of Arkansas, Little Rock, Ark., Aug. 12.
Reuter, Baron Paul Julius de (83), founder of Reuter's Telegraph Company, Nice, Italy, Feb. 25.
Reynolds, Joseph J. (77), soldier, Washington, D. C., paralysis, Feb. 26.
Rhea, Hortense (55) [Hortense Barbe Loret], actress, Montmorency, France, May 10.
Richardson, John Peter (68), ex-Governor of South Carolina, Columbia, S. C., heart disease, July 6.
Richardson, Locke, elocutionist, Berlin, cancer, June 15.
Romero, Matias (62), Mexican diplomatist, Washington, D. C., appendicitis, Dec. 30, 1898.
Ropes, John C. (63), military critic and historian, Boston, Mass., Oct. 27.
Routledge, Edmund (53), publisher and author, London, Aug. 25.
Ruspoli, Prince di (61), ex-Senator and ex-Mayor of Rome, Rome, Italy, Nov. 29.
Salisbury, Marchioness of, Georgina Alderson (68), wife of the Prime Minister, London, England, paralysis, Nov. 20.
Sarcey, Francisque (71), dramatic critic, Paris, May 15.
Scheurer-Kestner, Auguste (66), French statesman, Paris, Sept. 19.
Schoenborn, Count Francis (55), Cardinal Archbishop of Prague, June 25.
Semmes, Thomas J. (75), lawyer, New Orleans, La., June 23.
Sexton, James A. (55), Commander-in-Chief G. A. R., Washington, D. C., grip and kidney disease, Feb. 5.
Shook, Sheridan (71), politician, ex-theatrical manager, and brewer, Red Hook, N. Y., April 27.
Sinn, William E. (65), theatrical manager, Pittsfield, Mass., Aug. 9.
Slater, Horatio Nelson (65), manufacturer, Magnolia Beach, Mass., Aug. 12.
Slater, James H. (73), ex-United States Senator from Oregon, Le Grande, Ore., Jan. 28.
Smart, John (61), landscape painter, London, England, June 1.
Smith, George (93), millionaire, banker, London, England, paralysis, Oct. 10.
Smith, Joseph A. (86), actor, Philadelphia, Pa., gastritis, Aug. 2.
Smyth, Frederick (80), ex-Governor of New Hampshire, April 22.
Southworth, Mrs. E. D. E. N. (80), novelist, Washington, D. C., June 30.
Sprague, Mrs Kate Chase (59), Washington, D. C., liver disease, July 31.
Stahl, Richard, musical director, New York, inflammatory rheumatism, July 5.
Steinthal, Heymann (74), philologist, Berlin, Germany, March 14.
Stille, Charles J. (80), ex-Provost of University of Pennsylvania, historical writer, Atlantic City, N. J., heart disease, Aug. 11.
Stotsenburg, John M. (41), Colonel U. S. A., killed in battle at Quingua, Philippines, April 22.
Strafford, Earl of, Henry William John Byng (78), England, railroad accident, May 16.
Strauss, Johann (74), composer, Vienna, June 3.
Symons, Sir William Penn (56), British military commander, killed in battle, South Africa, Oct. 25.
Tabor, Horace A. W. (69), mining speculator, Denver, Col., appendicitis, April 10.
Tait, Lawson (54), surgeon, London, England, June 13.
Taylor, Charles F. (72), surgeon, Los Angeles, Cal., grip, Jan. 25.
Tennyson, Arthur, brother of Alfred Tennyson, London, England, June 27.
Thomson, Frank (58), President Pennsylvania Railroad, Merion, Pa., acute indigestion, June 5.
Thurber, Horace K. (71) merchant and public-spirited citizen, Hailey, Idaho, July 20.
Tiemann, Daniel F. (95), oldest living ex-Mayor of New York, New York, June 29.
Tucker, Gideon J. (73), jurist and lawyer, New York, July 25.
Vanderbilt, Cornelius (56), millionaire and railroad magnate, New York, apoplexy, Sept. 12.
Vogel, Sir Julius (64), colonial statesman and writer, London, March 13.
Von Caprivi, Count Leo (68), ex-Chancellor of the German Empire and soldier, Skiren, Prussia, heart failure, Feb. 6.
Walsh, Patrick (59), journalist and ex-United States Senator, Augusta, Ga., paralysis, March 19.
Watterson, John A. (55), Roman Catholic Bishop of Columbus, O., Columbus, O., April 17.
Webb, William H. (83), shipbuilder and marine architect, New York, Oct. 30.
Weill, Alexander (88), French novelist and publicist, Paris, France, April 19.
Wells, J. Madison, ex-Governor of Louisiana, Lecompte, La., Feb. 28.
Whitney, Mrs. William C., society leader, Westbury, L. I., paralysis, May 6.
Wiedemann, Gustav (73), professor of physics and chemistry, Leipsic, Germany, March 24.
Wilde, William C. K., journalist, London, England, March 13.
Williams, John (81), Protestant Episcopal Bishop of Connecticut, Middletown, Ct., grip, Feb. 7.
Worrell, Jennie (49), actress, Brooklyn, burns, Aug. 11.
Wright, Horatio G. (79), Brigadier-General and Engineer U. S. A., Washington, D. C., July 2.
Young, John Russell (58), journalist, diplomatist, Librarian of Congress, Washington, D. C., Bright's disease, Jan. 17.

Wars of the United States.

STATEMENT OF THE NUMBER OF UNITED STATES TROOPS ENGAGED.

Wars.	From—	To—	Regulars.	Militia and Volunteers.	Total.*
War of the Revolution	April 19, 1775	April 11, 1783	130,711	164,080	309,781
Northwestern Indian Wars	Sept. 19, 1790	Aug. 3, 1795	.....	.....	8,983
War with France	July 9, 1798	Sept. 30, 1800	.....	.....	†4,593
War with Tripoli	June 10, 1801	June 4, 1805	.....	.....	†3,330
Creek Indian War	July 27, 1813	Aug. 9, 1814	600	13,181	13,781
War of 1812 with Great Britain	June 18, 1812	Feb. 17, 1815	85,000	471,622	576,622
Seminole Indian War	Nov. 20, 1817	Oct. 21, 1818	1,000	6,911	7,911
Black Hawk Indian War	April 21, 1831	Sept. 31, 1832	1,339	5,126	6,465
Cherokee disturbance or removal	1836	1837	.....	9,494	9,494
Creek Indian War or disturbance	May 5, 1836	Sept. 30, 1837	935	12,483	13,418
Florida Indian War	Dec. 23, 1835	Aug. 14, 1843	11,169	29,953	41,122
Aroostook disturbance	1836	1839	.....	1,500	1,500
War with Mexico	April 24, 1846	July 4, 1848	30,954	73,776	112,230
Apache, Navajo, and Utah War	1849	1855	1,500	1,061	2,561
Seminole Indian War	1856	1858	.....	3,687	3,687
Civil War‡	1861	1865	.....	.....	2,772,408
Spanish-American War	April 21, 1898	Aug. 12, 1898	.....	.....	§274,717
Philippine Insurrection	1899	1900	.....	.....	60,000

* Including all branches of the service. † Naval forces engaged. ‡ The number of troops on the Confederate side was about 600,000. § Troops actually engaged, about 60,000.

Soldiers' Homes.

LOCATIONS OF HOMES FOR DISABLED UNITED STATES SOLDIERS AND SAILORS, AND REGULATIONS FOR ADMISSION TO THEM.

NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS.

President of the Board of Managers.....General William B. Franklin, Hartford. Ct.
Secretary.....General Thomas J Henderson. Princeton Ill.
General Treasurer.....Major J. M. Bermingham, Hartford Ct.

There are branches of the National Home at Dayton, O.; Milwaukee, Wis.; Togus, Me.; Hampton, Va.; Leavenworth, Kan., Santa Monica, Cal.; Marion, Ind., and Danville, Ill. The aggregate number of inmates is about 27,000.

REQUIREMENTS FOR ADMISSION.

1. An honorable discharge from the United States service.
2. Disability which prevents the applicant from earning his living by labor.
3. Applicants for admission will be required to stipulate and agree to abide by all the rules and regulations made by the Board of Managers, or by its order; to perform all duties required of them, and to obey all the lawful orders of the officers of the Home. Attention is called to the fact that by the law establishing the Home the members are made subject to the Rules and Articles of War, and will be governed thereby in the same manner as if they were in the Army of the United States.
4. A soldier or sailor must forward with his application for admission his Discharge Paper, and when he is a pensioner, his Pension Certificate, and if he has been a member of a State Home, his discharge from that Home, before his application will be considered, which papers will be retained at the branch to which the applicant is admitted, to be kept there for him, and returned to him when he is discharged. This rule is adopted to prevent the loss of such papers and certificates, and to hinder fraudulent practices; and no application will be considered unless these papers are sent with it. If the original discharge does not exist, a copy of discharge, certified by the War or Navy Department, or by the Adjutant-General of the State, must accompany the application.

Soldiers or sailors whose pensions exceed $16 a month are not eligible to the Home unless the reasons are peculiar, and are explained to the manager and are satisfactory to him. Those who have been members of State Homes must have been discharged from those Homes at least six months before they can be admitted to a branch of the National Home, except by a vote of the Board of Managers. Applicants are requested to conform strictly to the above requirements.

There are State Homes for disabled volunteer soldiers provided by the States of California, Colorado, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Dakota, Vermont, Washington, Wisconsin, and Wyoming.

UNITED STATES HOME FOR REGULAR ARMY SOLDIERS.

The United States Soldiers' Home in the District of Columbia receives and maintains discharged soldiers of the *regular* army. All soldiers who have served twenty years as enlisted men in the army (including volunteer service, if any), and all soldiers of less than twenty years' service who have incurred such disability, by wounds, disease, or injuries *in the line of duty while in the regular army*, as unfits them for further service, are entitled to the benefits of the Home.

A pensioner who enters the Home may assign his pension, or any part of it, to his child, wife, or parent, by filing written notice with the agent who pays him. If not so assigned, it is drawn by the treasurer of the Home and held in trust for the pensioner, to whom it is paid in such sums as the commissioners deem proper while he is an inmate of the Home, the balance being paid in full when he takes his discharge and leaves the Home.

Inmates are subject to the Rules and Articles of War, the same as soldiers in the army. They are comfortably lodged, fed, and clothed, and receive medical attendance and medicine, all without cost to them. There are 1,250 men now receiving the benefits of the Home.

The Board of Commissioners consists of "the General-in-Chief commanding the army, the Surgeon-General, the Commissary-General, the Adjutant-General, the Quartermaster-General, the Judge-Advocate-General, and the Governor of the Home."

Applications for admission to the Home may be addressed to the "Board of Commissioners, Soldiers' Home, War Department, Washington City, D. C.," and must give date of enlistment and date of discharge, with letter of company and number of regiment for each and every term of service, and rate of pension, if any, and must be accompanied by a medical certificate showing nature and degree of disability if any exists.

The Civil War of 1861-65.

NUMBER OF MEN IN THE UNION ARMY FURNISHED BY EACH STATE AND TERRITORY, FROM APRIL 15, 1861, TO CLOSE OF WAR.

States and Territories.	Number of Men Furnished.	Aggregate Reduced to a Three Years' Standing.	States and Territories.	Number of Men Furnished.	Aggregate Reduced to a Three Years' Standing.
Alabama	2,556	1,611	New York	448,850	392,270
Arkansas	8,289	7,836	North Carolina	3,156	3,156
California	15,725	15,725	Ohio	313,180	240,514
Colorado	4 903	3,697	Oregon	1,810	1,773
Connecticut	55,864	50,623	Pennsylvania	337,936	265,517
Delaware	12,284	10,322	Rhode Island	23,236	17,866
Florida	1,290	1,290	South Carolina	.....	.....
Georgia	.....	.....	Tennessee	31 092	26,394
Illinois	259,092	214,133	Texas	1,965	1,632
Indiana	196,363	153,576	Vermont	33 288	29,068
Iowa	76 242	68,630	Virginia	.....	.....
Kansas	20,149	18,706	West Virginia	32,068	27,714
Kentucky	75,760	70,832	Wisconsin	91,327	79 260
Louisiana	5,224	4,654	Dakota	206	206
Maine	70 107	56,776	District of Columbia	16,534	1 506
Maryland	46,638	41,275	Indian Territory	3,530	3,530
Massachusetts	146,730	124,104	Montana	.....	.....
Michigan	87,364	80 111	New Mexico	6,561	4,432
Minnesota	24,020	19,693	Utah	.....	.....
Mississippi	545	545	Washington	964	964
Missouri	109,111	86 530	U. S. Army	.....	.....
Nebraska	3,157	2,175	U. S. Volunteers	.....	.....
Nevada	1,080	1,080	U. S. Colored Troops	93,441	91,789
New Hampshire	33,937	30,849			
New Jersey	76,814	57,908	Total	2,778,304	2,326,168

The number of casualties in the volunteer and regular armies of the United States, during the war of 1861-65, according to a statement prepared by the Adjutant-General's office, was as follows: Killed in battle, 67 058; died of wounds, 43 012; died of disease, 199,720; other causes, such as accidents, murder, Confederate prisons etc., 40,154; total died, 349,944; total deserted, 199,105. Number of soldiers in the Confederate service who died of wounds or disease (partial statement), 133,821. Deserted (partial statement), 104,428. Number of United States troops captured during the war, 212,608; Confederate troops captured, 476,169. Number of United States troops paroled on the field, 16,431; Confederate troops paroled on the field, 248,599. Number of United States troops who died while prisoners, 30,156; Confederate troops who died while prisoners, 30,152.

THE GREAT BATTLES OF THE CIVIL WAR.

From "Regimental Losses in the American Civil War," by Wm. F. Fox, Lieutenant-Colonel, U. S. V.)

As to the loss in the Union armies, the greatest battles in the war were:

Date.	Battle.	Killed.	Wounded.*	Missing.	Aggregate.
July 1-3, 1863	Gettysburg	3,070	14,497	5,434	23,001
May 8-18, 1864	Spottsylvania	2,725	13,413	2,258	18,396
May 5-7, 1864	Wilderness	2,246	12,037	3,383	17,666
September 17, 1862	Antietam†	2,108	9,549	753	12,410
May 1-3, 1863	Chancellorsville	1,606	9,762	5,919	17,287
September 19-20, 1863	Chickamauga	1,656	9,749	4,774	16,179
June 1-4, 1864	Cold Harbor	1,844	9,077	1,816	12,737
December 11-14, 1862	Fredericksburg	1,284	9,600	1,769	12,653
August 28-30, 1862	Manassas‡	1,747	8,452	4,263	14,462
April 6-7, 1862	Shiloh	1,754	8,408	2,885	13,047
December 31, 1862	Stone River§	1,730	7,802	3,717	13,249
June 15-19, 1864	Petersburg (assault)	1,688	8,513	1,185	11,386

* Wounded in these and the following returns includes mortally wounded.

† Not including South Mountain or Crampton's Gap.

‡ Including Chantilly, Rappahannock, Bristol Station, and Bull Run Bridge.

§ Including Knob Gap and losses on January 1 and 2, 1863.

The Union losses at Bull Run (first Manassas), July 21, 1861, were: Killed, 470; wounded, 1,071; captured and missing 1 793; aggregate, 3 334.

The Confederate losses in particular engagements were as follows: Bull Run (first Manassas), July 21, 1861, killed, 387; wounded, 1,582; captured and missing, 13; aggregate, 1,982. Fort Donelson, Tenn., Feb. 14-16, 1862, killed, 466; wounded, 1,534; captured and missing, 13,829; aggregate, 15,829. Shiloh, Tenn., April 6-7, 1862, killed, 1,723; wounded, 8,012; captured and missing, 959; aggregate, 10,694. Seven Days' Battle, Virginia, June 25-July 1, 1862, killed, 3,478; wounded, 16,261; captured and missing, 875; aggregate, 20,614. Second Manassas, Aug. 21-Sept. 2, 1862, killed, 1,481; wounded and missing, 7,627; captured and missing, 89; aggregate, 9,197. Antietam campaign, Sept. 12-20, 1862, killed, 1,886; wounded, 9,348; captured and missing, 1 367; aggregate 12,601. Fredericksburg, Dec. 13, 1862, killed, 596; wounded, 4,068; captured and missing 651; aggregate, 5,315. Stone River, Tenn. Dec. 31, 1862, killed, 1,294; wounded, 7,945; captured and missing, 1,027; aggregate, 10,266. Chancellorsville, May 1-4, 1863, killed, 1,665; wounded, 9,081; captured and missing, 2,018; aggregate, 12,764. Gettysburg, July 1-3, 1863, killed, 2,592; wounded, 12,706; captured and missing 5,150; aggregate, 20,448. Chickamauga, Sept. 19-20, 1863, killed, 2,268; wounded, 13,613, captured and missing, 1,090; aggregate, 16,971.

"Gettysburg was the greatest battle of the war. Antietam the bloodiest. The largest army was assembled by the Confederates at the seven days' fight; by the Unionists at the Wilderness."

The Treaty of Peace with Spain.

THE treaty of peace between the United States and Spain was signed by the members of the Joint Commission at Paris, December 10, 1898. The full text of the treaty is as follows:

The United States of America and Her Majesty the Queen Regent of Spain, in the name of her august son, Don Alfonso XIII., desiring to end the state of war now existing between the two countries, have for that purpose appointed as plenipotentiaries:

The President of the United States:

William R. Day, Cushman K. Davis, William P. Frye, George Gray, and Whitelaw Reid, citizens of the United States:

And Her Majesty the Queen Regent of Spain:

Don Eugenio Montero Rios, President of the Senate; Don Buenaventura de Abarzuza, Senator of the Kingdom and ex-Minister of the Crown; Don José de Garnica, Deputy to the Cortes and Associate Justice of the Supreme Court; Don Wenceslao Ramirez de Villa Urrutia, Envoy Extraordinary and Minister Plenipotentiary at Brussels, and Don Rafael Cerero, General of Division.

Who, having assembled in Paris and having exchanged their full powers, which were found to be in due and proper form, have, after discussion of the matters before them, agreed upon the following articles:

ARTICLE I.

Spain relinquishes all claim of sovereignty over and title to Cuba.

And as the island is, upon its evacuation by Spain, to be occupied by the United States, the United States will, so long as such occupation shall last, assume and discharge the obligations that may under international law result from the fact of its occupation for the protection of life and property.

ARTICLE II.

Spain cedes to the United States the island of Porto Rico and other islands now under Spanish sovereignty in the West Indies, and the island of Guam, in the Mariannes or Ladrones.

ARTICLE III.

Spain cedes to the United States the archipelago known as the Philippine Islands, and comprehending the islands lying within the following lines:

A line running from west to east along or near the twentieth parallel of north latitude, and through the middle of the navigable channel of Bachti, from the one hundred and eighteenth to the one hundred and twenty-seventh degree meridan of longitude east of Greenwich, thence along the one hundred and twenty-seventh degree meridian of longitude east of Greenwich to the parallel of four degrees and forty-five minutes north latitude, thence along the parallel of four degrees and forty-five minutes north latitude to its intersection with the meridian of longitude one hundred and nineteen degrees and thirty-five minutes east of Greenwich, thence along the meridian of longitude one hundred and nineteen degrees and thirty-five minutes east of Greenwich to the parallel of latitude seven degrees and forty minutes north, thence along the parallel of latitude seven degrees and forty minutes north to its intersection with the one hundred and sixteenth degree meridian of longitude east of Greenwich, thence by a direct line to the intersection of the tenth degree parallel of north latitude with the one hundred and eighteenth degree meridian of longitude east of Greenwich, and thence along the one hundred and eighteenth degree meridian of longitude east of Greenwich to the point of beginning.

The United States will pay to Spain the sum of $20,000,000 within three months after the exchange of the ratifications of the present treaty.

ARTICLE IV.

The United States will, for ten years from the date of exchange of ratifications of the present treaty, admit Spanish ships and merchandise to the ports of the Philippine Islands on the same terms as ships and merchandise of the United States.

ARTICLE V.

The United States will, upon the signature of the present treaty, send back to Spain, at its own cost, the Spanish soldiers taken as prisoners of war on the capture of Manila by the American forces. The arms of the soldiers in question shall be restored to them.

Spain will, upon the exchange of the ratifications of the present treaty, proceed to evacuate the Philippines, as well as the island of Guam, on terms similar to those agreed upon by the Commissioners appointed to arrange for the evacuation of Porto Rico and other islands in the West Indies under the protocol of August 12, 1898, which is to continue in force till its provisions are completely executed.

The time within which the evacuation of the Philippine Islands and Guam shall be completed shall be fixed by the two Governments. Stands of colors, uncaptured war vessels, small arms, guns of all calibres, with their carriages and accessories, powder, ammunition, live stock, and materials and supplies of all kinds belonging to the land and naval forces of Spain in the Philippines and Guam remain the property of Spain. Pieces of heavy ordnance, exclusive of field artillery, in the fortifications and coast defences shall remain in their emplacements for the term of six months, to be reckoned from the exchange of ratifications of the treaty; and the United States may in the mean time purchase such material from Spain if a satisfactory agreement between the two Governments on the subject shall be reached.

ARTICLE VI.

Spain will, upon the signature of the present treaty, release all prisoners of war and all persons detained or imprisoned for political offences in connection with the insurrections in Cuba and the Philippines and the war with the United States.

Reciprocally the United States will release all persons made prisoners of war by the American forces, and will undertake to obtain the release of all Spanish prisoners in the hands of the insurgents in Cuba and the Philippines.

The Government of the United States will at its own cost return to Spain, and the Government of Spain will at its own cost return to the United States, Cuba, Porto Rico, and the Philippines, according to the situation of their respective homes, prisoners released or caused to be released by them, respectively, under this article.

ARTICLE VII.

The United States and Spain mutually relinquish all claims for indemnity, national and individual, of every kind, of either Government, or of its citizens or subjects, against the other Government,

which may have arisen since the beginning of the late insurrection in Cuba and prior to the exchange of ratifications of the present treaty, including all claims for indemnity for the cost of the war. The United States will adjudicate and settle the claims of its citizens against Spain relinquished in this article.

ARTICLE VIII.

In conformity with the provisions of Articles I., II., and III. of this treaty, Spain relinquishes in Cuba and cedes in Porto Rico and other islands in the West Indies, in the island of Guam, and in the Philippine Archipelago all the buildings, wharves, barracks, forts, structures, public highways, and other immovable property which in conformity with law belong to the public domain and as such belong to the Crown of Spain.

And it is hereby declared that the relinquishment or cession, as the case may be, to which the preceding paragraph refers, cannot in any respect impair the property or rights which by law belong to the peaceful possession of property of all kinds of provinces, municipalities, public or private establishments, ecclesiastical or civic bodies, or any other associations having legal capacity to acquire and possess property in the aforesaid territories, renounced or ceded, or of private individuals, of whatsoever nationality such individuals may be.

The aforesaid relinquishment or cession, as the case may be, includes all documents exclusively referring to the sovereignty relinquished or ceded that may exist in the archives of the peninsula. Where any document in such archives only in part relates to said sovereignty a copy of such part will be furnished whenever it shall be requested. Like rules shall be reciprocally observed in favor of Spain in respect of documents in the archives of the islands above referred to.

In the aforesaid relinquishment or cession, as the case may be, are also included such rights as the Crown of Spain and its authorities possess in respect of the official archives and records, executive as well as judicial, in the islands above referred to, which relate to said islands or the rights and property of their inhabitants. Such archives and records shall be carefully preserved, and private persons shall, without distinction, have the right to require, in accordance with the law, authenticated copies of the contracts, wills, and other instruments forming part of notarial protocols or files, or which may be contained in the executive or judicial archives, be the latter in Spain or in the islands aforesaid.

ARTICLE IX.

Spanish subjects, natives of the peninsula, residing in the territory over which Spain by the present treaty relinquishes or cedes her sovereignty, may remain in such territory or may remove therefrom, retaining in either event all their rights of property, including the right to sell or dispose of such property or of its proceeds; and they shall also have the right to carry on their industry, commerce, and professions, being subject in respect thereof to such laws as are applicable to other foreigners. In case they remain in the territory they may preserve their allegiance to the Crown of Spain by making, before a court of record, within a year from the date of the exchange of ratifications of this treaty, a declaration of their decision to preserve such allegiance; in default of which declaration they shall be held to have renounced it and to have adopted the nationality of the territory in which they may reside.

The civil rights and political status of the native inhabitants of the territories hereby ceded to the United States shall be determined by the Congress.

ARTICLE X.

The inhabitants of the territories over which Spain relinquishes or cedes her sovereignty shall be secured in the free exercise of their religion.

ARTICLE XI.

The Spaniards residing in the territories over which Spain by this treaty cedes or relinquishes her sovereignty shall be subject in matters civil as well as criminal to the jurisdiction of the courts of the country wherein they reside, pursuant to the ordinary laws governing the same; and they shall have the right to appear before such courts and to pursue the same course as citizens of the country to which the courts belong.

ARTICLE XII.

Judicial proceedings pending at the time of the exchange of ratifications of this treaty in the territories over which Spain relinquishes or cedes her sovereignty shall be determined according to the following rules:

First—Judgments rendered either in civil suits between private individuals, or in criminal matters, before the date mentioned, and with respect to which there is no recourse or right of review under the Spanish law, shall be deemed to be final, and shall be executed in due form by competent authority in the territory within which such judgments should be carried out.

Second—Civil suits between private individuals which may on the date mentioned be undetermined shall be prosecuted to judgment before the court in which they may then be pending, or in the court that may be substituted therefor.

Third—Criminal actions pending on the date mentioned before the Supreme Court of Spain against citizens of the territory which by this treaty ceases to be Spanish shall continue under its jurisdiction until final judgment; but, such judgment having been rendered, the execution thereof shall be committed to the competent authority of the place in which the case arose.

ARTICLE XIII.

The rights of property secured by copyrights and patents acquired by Spaniards in the island of Cuba, and in Porto Rico, the Philippines, and other ceded territories, at the time of the exchange of the ratifications of this treaty, shall continue to be respected. Spanish scientific, literary, and artistic works not subversive of public order in the territories in question shall continue to be admitted free of duty into such territories for the period of ten years, to be reckoned from the date of the exchange of the ratifications of this treaty.

ARTICLE XIV.

Spain shall have the power to establish consular officers in the ports and places of the territories the sovereignty over which has either been relinquished or ceded by the present treaty.

ARTICLE XV.

The Government of each country will, for the term of ten years, accord to the merchant vessels of the other country the same treatment in respect to all port charges, including entrance and clearance dues, light dues, and tonnage duties, as it accords to its own merchant vessels not engaged in the coastwise trade.

THE TREATY OF PEACE WITH SPAIN—*Continued.*

This article may at any time be terminated on six months' notice given by either Government to the other.

ARTICLE XVI.

It is understood that any obligations assumed in this treaty by the United States with respect to Cuba are limited to the time of its occupancy thereof; but it will upon the termination of such occupancy advise any Government established in the island to assume the same obligations.

ARTICLE XVII.

The present treaty shall be ratified by the President of the United States, by and with the advice and consent of the Senate thereof, and by Her Majesty the Queen Regent of Spain; and the ratifications shall be exchanged at Washington within six months from the date hereof, or earlier if possible.

In faith whereof we, the respective plenipotentiaries, have signed this treaty and have hereunto affixed our seals.

Done in duplicate at Paris, the tenth day of December, in the year of our Lord one thousand eight hundred and ninety-eight.

[SEAL.]

WILLIAM R. DAY,
CUSHMAN K. DAVIS,
WILLIAM P. FRYE,
GEORGE GRAY,
WHITELAW REID,
EUGENIO MONTERO RIOS,
B. DE ABARZUZA,
J. DE GARNICA,
W. R. DE VILLA URRUTIA,
RAFAEL CERERO.

The treaty was transmitted to the Senate by the President on January 4, 1899.

After over four weeks' discussion the Senate, on February 6, ratified the treaty by a vote of 57 to 27, a vote of two-thirds of the Senators present being necessary. The vote in detail was as follows:

For Ratification (57)—Senators Aldrich, R.; Allen, P.: Allison, R.: Baker, R.; Burrows, R.; Butler, P.: Carter, R.; Chandler, R.; Clark, R.: Clay, D.: Cullom, R.: Davis, R.; Deboe, R.; Elkins, R.; Fairbanks, R.; Faulkner, D.: Frye, R.: Foraker, R.: Gallinger, R.; Gear, R.; Gray, D.: Hanna, R.: Hansbrough, R.; Harris, P.; Hawley, R.: Jones (Nev.), S.: Kenney, D.: Kyle, Ind.; Lindsay, D.; Lodge, R.; Mantle, R.; McBride, R.: McEnery, D.; McLaurin, D.; McMillan, R.; Mason, R.; Morgan, D.; Nelson, R.; Penrose, R.; Perkins, R.; Pettus, D.: Platt (N. Y.), R.; Platt (Conn.), R.; Pritchard, R.; Quay, R.; Ross., R.; Sewell, R.: Shoup, R.; Simon, R.; Spooner, R.; Stewart, S.; Sullivan, D.; Teller, S.; Thurston, R.; Warren, R.; Wellington, R.; Wolcott, R.

40 Republicans, 3 Populists, 10 Democrats, 3 Silver, 1 Independent.

Against Ratification (27)—Senators Bacon, D.; Bate, D.; Berry, D.: Caffery, D.; Chilton, D.; Cockrell, D.; Daniel, D.; Gorman, D.; Hale, R.; Heitfeld, P.; Hoar, R.: Jones (Ark.), D.; Mallory, D.; Martin, D.; Mills, D.; Mitchell, D.; Money, D.; Murphy, D.; Pasco, D.; Pettigrew, R.; Rawlins, D.; Roach, D.; Smith, D.; Tillman, D.; Turley, D.; Turner, P.; Vest, D.

22 Democrats, 3 Republicans, 2 Populists.

Pairs—Cannon and Proctor (Reps.) with White (Dem.) and Wetmore and Wilson (Reps.) with Turpie (Dem.).

The President signed the treaty February 10, and it was transmitted to Spain and received the signature of the Queen Regent March 17. The copy of the treaty belonging to the United States was received here early in April, and on April 11 following the official exchange of ratifications the President issued his proclamation of peace, which was in the following terms:

Whereas, A treaty of peace between the United States of America and Her Majesty the Queen Regent of Spain, in the name of her august son, Don Alfonso XIII., was concluded and signed by their respective plenipotentiaries at Paris on the tenth day of December, 1898, the original of which, in the Spanish language, is word for word as follows:

[Here text of treaty is included.]

And, Whereas, The said convention has been duly ratified on both parts, and the ratifications of the two Governments were exchanged in the city of Washington on the eleventh day of April, one thousand eight hundred and ninety-nine;

Now, therefore be it known, that I, William McKinley, President of the United States of America, have caused the said convention to be made public, to the end that the same and every article and clause thereof may be observed and fulfilled with good faith by the United States and the citizens thereof.

In witness whereof I have hereunto set my hand and caused the seal of the United States to be affixed.

Done at the city of Washington this eleventh day of April, in the year of our Lord one thousand eight hundred and ninety-nine, and of the independence of the United States the one hundred and twenty-third.

WILLIAM MCKINLEY.

By the President: JOHN HAY, Secretary of State.

DATES.—The Spanish-American War began April 21, 1898; Peace Protocol signed August 10; President appointed United States Peace Commissioners August 26; joint sessions of the United States and Spanish Commissioners began in Paris October 1; the treaty was signed by the Joint Commissioners December 10; transmitted to the Senate by the President January 4, 1899; ratified by the Senate February 6; signed by the President February 10; signed by the Queen Regent March 17; ratifications exchanged April 11.

The Philippine Islands.

THE Philippine group, lying off the southern coast of Asia, between longitude 120 and 130 and latitude 5 and 20 approximately, number about 2,000 islands, great and small, in a land and sea area of 1,200 miles of latitude and 2,400 miles of longitude. The actual land area is about 140,000 miles. The six New England States, New York, and New Jersey have about an equivalent area. The island of Luzon, on which the capital city (Manila) is situated, is the largest member of the group, being about the size of the State of New York. Mindanao is nearly as large, but its population is very much smaller. The latest estimates of areas of the largest islands are as follows. Luzon, 44,400; Mindanao, 34,000; Samar, 4,800; Panay, 4,700; Mindoro, 4,000; Leyte, 3,800; Negros, 3,300 Cebu, 2,400.

The estimates of population vary from 7,500,000 to 10,000,000. A conservative estimate is 8,000,000. The late Spanish masters had never caused a census to be taken, and, indeed, some parts of the islands are yet unexplored and inhabited by tribes nearly savage. Racially the inhabitants are principally Malays. The country has been in the possession of Spain since 1565, and the religion introduced by the proprietors has long been that of the natives. The church has been a strong ruling power and the priesthood numerous. There are thirty different races, all speaking a different dialect.

The following memoranda was prepared by Major-General F. V. Greene for the Government:

CLIMATE.

The climate is one of the best known in the tropics. The islands extend from 5° to 21° north latitude, and Manila is in 14° 35′. The thermometer during July and August rarely goes below 79° or above 85°. The extreme ranges in a year are said to be 61° and 97°, and the annual mean 81°. There are three well-marked seasons, temperate and dry from November to February, hot and dry from March to May, and temperate and wet from June to October. The rainy season reaches its maximum in July and August, when the rains are constant and very heavy. The total rainfall has been as high as 114 inches in one year.

Yellow fever appears to be unknown. The diseases most fatal among the natives are cholera and small-pox, both of which are brought from China. Low malarial fever is brought on by sleeping on the ground or being chilled by remaining without exercise in wet clothes; and diarrhœa is produced by drinking bad water or eating excessive quantities of fruit. Almost all of these diseases are preventable by proper precautions even by troops in campaign. The sickness in our troops was very small, much less than in the cold fogs at camp in San Francisco.

MINERAL WEALTH.

Very little is known concerning the mineral wealth of the islands. It is stated that there are deposits of coal, petroleum, iron, lead, sulphur, copper, and gold in the various islands, but little or nothing has been done to develop them. A few concessions have been granted for working mines, but the output is not large. The gold is reported on Luzon, coal and petroleum on Cebu and Iloilo, and sulphur on Leyte.

AGRICULTURE.

Although agriculture is the chief occupation of the Filipinos, yet only one-ninth of the surface is under cultivation. The soil is very fertile, and even after deducting the mountainous areas it is probable that the area of cultivation can be very largely extended and that the islands can support population equal to that of Japan (42,000,000).

The chief products are rice, corn, hemp, sugar, tobacco, cocoanuts, and cacao. Coffee and cotton were formerly produced in large quantities—the former for export and the latter for home consumption; but the coffee plant has been almost exterminated by insects and the home-made cotton cloths have been driven out by the competition of those imported from England. The rice and corn are principally produced in Luzon and Mindoro and are consumed in the islands. The rice crop is about 765,000 tons. It is insufficient for the demand, and 45,000 tons of rice were imported in 1894, the greater portion from Saigon and the rest from Hong Kong and Singapore; also 8,669 tons (say 60,000 barrels) of flour, of which more than two-thirds came from China and less than one-third from the United States. The cacao is raised in the southern islands, the best quality of it at Mindanao. The sugar cane is raised in the Visayas. The crop yielded in 1894 about 235,000 tons of raw sugar, of which one-tenth was consumed in the islands, and the balance, or 210,000 tons, valued at $11,000,000, was exported, the greater part to China, Great Britain, and Australia. The hemp is produced in Southern Luzon, Mindoro, the Visayas, and Mindanao. It is nearly all exported in bales. In 1894 the amount was 96,000 tons, valued at $12,000,000. Tobacco is raised in all the islands, but the best quality and greatest amount in Luzon. A large amount is consumed in the islands, smoking being universal among women as well as the men, but the best quality is exported. The amount in 1894 was 7,000 tons of leaf tobacco, valued at $1,750,000. Cocoanuts are grown in Southern Luzon and are used in various ways.

IMPORTS AND EXPORTS.

The Bureau of Foreign Commerce of the State Department gives the following figures, partly for 1896 and partly for 1897:

COUNTRIES.	Imports from Philippines.	Exports to Philippines.	COUNTRIES.	Imports from Philippines.	Exports to Philippines.
Great Britain	$6,223,426	$2,063,598	India	$7,755	$80,156
France	1,990,297	359,796	Straits Settlements	274,130	236,001
Germany	223,720	774,928	New South Wales	119,550	176,858
Belgium	272,240	45,660	Victoria	180	178,370
Spain	4,819,344	4,973,589	United States	4,383,740	94,597
Japan	1,332,300	92,823			
China	56,137	97,717	Total	$19,702,819	$9,174,093

THE PHILIPPINE WAR OF 1899.

February 4—The Filipinos, under Aguinaldo, attacked the American defences at Manila. The Americans assumed the offensive the next day, and in the fighting which ensued for several days the American loss was 57 killed and 215 wounded. Five hundred Filipinos were killed, 1,000 wounded, and 500 captured.

February 10—Battle of Caloocan. In all the engagements which followed to the end of the year in a warfare largely desultory the Americans were almost uniformly successful, the enemy retreating after making a more or less determined stand.

March 13-19—General Wheaton attacked and occupied Pasig.

THE PHILIPPINE ISLANDS—*Continued.*

March 21-30—General MacArthur advanced toward and captured Malolos.
April 25-May 5—General MacArthur captured Calumpit and San Fernando.
April 22-May 17—General Lawton led an expedition to San Isidro.
June 10-19—Generals Lawton and Wheaton advanced south to Imus.
June 26—General Hall took Calamba.

Military operations were partially suspended during the rainy season, but General MacArthur captured Angeles August 16.

Meanwhile the southern islands were occupied by the American forces. Iloilo by General Miller February 11, Cebu by the Navy March 27, and Negros, Mindanao, and the smaller islands subsequently.

A treaty was concluded with the Sultan of Sulu, in which his rights were guaranteed, and he acknowledged the supremacy of the United States.

The Philippine Commission appointed by the President, and composed of President J. G. Schurman, of Cornell University; Professor Dean Worcester, Charles Denby, late Minister to China; Admiral Dewey, and General Otis, began its labors at Manila March 20 and continued until ordered home in September. The Commission prepared and submitted its preliminary report to the President at Washington November 2. The Commission issued a proclamation to the people of the Philippine Islands on April 4, the conditions of which were, in substance, as follows:

1. The supremacy of the United States must and will be enforced throughout every part of the archipelago, and those who resist can accomplish nothing except their own ruin.

2. The amplest liberty of self-government will be granted which is reconcilable with the just, stable, effective, and economical administration, and compatible with the sovereign rights and obligations of the United States.

3. The civil rights of the Filipinos will be guaranteed and protected, their religious freedom will be assured, and all will have equal standing before the law.

4. Honor, justice, and friendship forbid the exploitation of the people of the islands. The purpose of the American Government is the welfare and advancement of the Philippine people.

5. It guarantees an honest and effective civil service, in which, to the fullest extent practicable, natives shall be employed.

6. The collection and application of taxes and other revenues will be put upon a sound, honest, and economical basis. The public funds, raised justly and collected honestly, will be applied only to defraying the proper expenses of the establishment and maintenance of the Philippine Government, and such general improvements as public interests demand. Local funds collected for local purposes shall not be diverted to other ends. With such prudent and honest fiscal administration it is believed the needs of the Government will in a short time become compatible with a considerable reduction in taxation.

7. The establishment of a pure, speedy, and effective administration of justice, by which the evils of delay, corruption, and exploitation will be effectually eradicated.

8. The construction of roads, railroads, and other means of communication and transportation, and other public works of manifest advantage to the people, will be promoted.

9. Domestic and foreign trade and commerce and other industrial pursuits and the general development of the country in the interest of its inhabitants will be the constant object of solicitude and fostering care.

10. Effective provision will be made for the establishment of elementary schools, in which the children of the people will be educated. Appropriate facilities will also be provided for higher education.

11. Reforms in all departments of the Government, all branches of the public service, and all corporations closely touching the common life of the people must be undertaken without delay and effected conformably with common right and justice, in a way to satisfy the well-founded demands and the highest sentiments and aspirations of the Philippine people.

With the advance of the dry season military operations on a much larger scale than heretofore were begun, the army of occupation having been reinforced by 30,000 men.
September 28—General MacArthur, after several days' fighting, occupied Porac.
October 1-10—General Schwan's column operated in the south part of Luzon, and captured Rosario and Malabon.
November 7—A military expedition on board transports, under General Wheaton, captured Dagupan.
November 14—Major Bell entered Tarlac.
November 14—Brisk fighting near San Jacinto. Major John A. Logan was killed.
November 24—General Otis announced to the War Department that the whole of Central Luzon was in the hands of the United States authorities; that the President of the Filipino Congress, the Filipino Secretary of State, and Treasurer were captured, and that only small bands of the enemy were in arms, retreating in different directions, while Aguinaldo, a fugitive with a small escort, was being pursued toward the mountains.
November 26—The Navy captured Vigan on the coast.
December 11—The President directed General Otis to open the ports of the Philippines to commerce.
December 19—General Lawton was killed in attacking San Mateo.

Military Resources of Europe in Able-Bodied Men.

Nations.	Population Capable of Bearing Arms.*	Nations.	Population Capable of Bearing Arms.*	Nations.	Population Capable of Bearing Arms.*
Austria	9,800,000	Great Britain†	12,000,000	Russia‡	22,000,000
Belgium	1,460,000	Greece	495,000	Spain	4,200,000
Denmark	490,000	Italy	7,500,000	Sweden & Norway	1,600,000
France	9,550,000	Netherlands	1,050,000	Switzerland	720,000
Germany	12,000,000	Portugal	1,170,000		

*Inclusive of persons engaged in the general and local civil administration, railroads, necessary tillers of the soil, and others who would not be spared to the field except as a last resort. † Great Britain includes Canada and Australia, but not other colonies or India. ‡ Russian population in Europe only is considered. Behind it are the hordes of Tartary and Central Asia.

Executive Mansion Rules.

THE Cabinet will meet Tuesdays and Fridays from 11 A. M. until 1 P. M.

Senators and Representatives will be received from 10 A. M. to 12 M., excepting on Cabinet days.

Visitors having business with the President will be admitted from 12 to 1 o'clock daily, excepting Cabinet days, so far as public business will permit.

The East Room will be open daily, Sundays excepted, for the inspection of visitors, between the hours of 10 A. M. and 2 P. M.

By direction of the President.

JOHN ADDISON PORTER,
Secretary to the President.

The Colonial Possessions of the United States.

THE PHILIPPINES AND TUTUILA.

For an account of the Philippine Islands see page 90. For Tutuila, the island of the Samoan group ceded to the United States, see page 97.

HAWAII.

Hawaii was annexed to the United States by joint resolution of Congress July 6, 1898. A bill to create Hawaii a territory of the United States is before Congress. Meanwhile the old government continues. The text of the joint resolution of annexation was printed in THE WORLD ALMANAC for 1899, page 96.

The area of the several islands of the Hawaiian group is as follows: Hawaii, 4,210 square miles; Maui, 760; Oahu, 600; Kauai. 590; Molokai, 270; Lanai, 150; Niihau, 97; Kahoolawe, 63. Total, 6,740 square miles.

At the time of the discovery of the islands by Captain Cook in 1778 the native population was about 200,000. This has steadily decreased, so that at the last census the natives numbered but 31,019, which was less than that of the Japanese and Chinese immigrants settled in the islands. A census taken early in 1897 revealed a total population of 109,020, distributed according to race as follows:

	Males.	Females.	Total		Males.	Females.	Total.
Hawaiians	16,399	14,620	31,019	Portuguese	8,202	6,898	15,100
Part Hawaiians	4,249	4,236	8,485	Americans	1,975	1,111	3,086
Japanese	19,212	5,195	24,407	British	1,406	844	2,250
Chinese	19,167	2,449	21,616				

The remainder were Germans, French, Norwegians, South Sea Islanders, and representatives of other nationalities. The American population is 2.73 per cent of the whole.

There are 71 miles of railroad and about 250 miles of telegraph in the islands. Honolulu, the capital, with a population of 28,061, is lighted by electricity, and has most of the local features of an enterprising American city. The bulk of the business is done by Americans and Europeans.

Of sugar, of which it is said the Hawaiian Islands are much more productive in a given area than those of the West Indies, the exportation was 520,158,232 pounds in 1897. Of coffee, the exportation was 337,158 pounds in 1897; of rice, the exportation was 5,499,499 pounds in 1897. In the matter of imports, nearly all of the necessities of life, aside from sugar, fruits, and vegetables, are imported, the products of the United States being given the preference in nearly all cases.

PORTO RICO.

The island of Porto Rico, over which the flag of the United States was raised in token of formal possession on October 18, 1898, is the most eastern of the Greater Antilles in the West Indies and is separated on the east from the Danish island of St. Thomas by a distance of about fifty miles, and from Hayti on the west by the Mona passage, seventy miles wide. Distances from San Juan, the capital, to important points are as follows: New York, 1,420 miles; Charleston, S. C., 1,200 miles; Key West, Fla., 1,050 miles. Havana, 1,000 miles.

The island is a parallelogram in general outline, 108 miles from the east to the west, and from 37 to 43 miles across, the area being about 3,600 square miles, or somewhat less than half that of the State of New Jersey (Delaware has 2,050 square miles and Connecticut 4,990 square miles). The population according to an enumeration made in 1887 was 798,565, of whom 474,933 were whites, 246,647 mulattoes, and 76,905 negroes. The present estimated population is 900,000.

Porto Rico is unusually fertile, and its dominant industries are agriculture and lumbering. In elevated regions the vegetation of the temperate zone is not unknown. There are more than 500 varieties of trees found in the forests, and the plains are full of palm, orange, and other trees. The principal crops are sugar, coffee, tobacco, cotton, and maize, but bananas, rice, pineapples, and many other fruits are important products. The largest article of export from Porto Rico is coffee, which is over 63 per cent of the whole. The next largest is sugar, 28 per cent. The other exports in order of amount are tobacco, honey, molasses, cattle, timber, and hides.

The principal minerals found in Porto Rico are gold, carbonates, and sulphides of copper and magnetic oxide of iron in large quantities. Lignite is found at Utuado and Moca, and also yellow amber. A large variety of marbles, limestones, and other building stones are deposited on the island, but these resources are very undeveloped. There are salt works at Guanica and Salinas on the south coast, and at Cape Rojo on the west, and these constitute the principal mineral industry in Porto Rico.

There are 137 miles of railway, with 170 miles under construction, and 470 miles of telegraph lines. These connect the capital with the principal ports south and west. Submarine cables run from San Juan to St. Thomas and Jamaica. The principal cities are Ponce, 40,000 inhabitants; Arecibo with 30,000, and San Juan, the capital, with 25,000.

At present Porto Rico is governed as a military department of the United States.

GUAM.

The island of Guam, the largest of the Marianne or Ladrone Archipelago, was ceded by Spain to the United States by Article 2 of the Treaty of Peace, concluded at Paris December 10, 1898. It lies in a direct line from San Francisco to the southern part of the Philippines, and is 5,200 miles from San Francisco, and 900 miles from Manila. It is about 32 miles long and 100 miles in circumference, and has a population of about 9,000, of whom about 6,000 are in Agana, the capital. The inhabitants are mostly immigrants or descendants of immigrants from the Philippines, the original race of the Ladrone Islands being extinct. The prevailing language is Spanish. Nine-tenths of the islanders can read and write. The island is thickly wooded, well watered and fertile, and possesses an excellent harbor.

Commander Taussig, of the United States gunboat Bennington, took possession of the island and raised the United States flag over Fort Santa Cruz on February 1, 1899. The President appointed Captain Richard P. Leary, U. S. Navy, Governor of Guam, and he arrived there in July, 1899, and issued a proclamation to the inhabitants announcing the establishment of the authority of the United States, which would be exerted for the security of their persons and property and the confirmation of all their private rights.

The United States flag was hoisted over Wake Island in February, 1899, by Commander Taussig, of the Bennington, while proceeding to Guam. It is a small island in the direct route from Hawaii to Hong Kong, about 2,000 miles from the first, and 3,000 miles from the second.

The South African War.

THE COUNTRIES AND COLONIES INVOLVED IN THE WAR.

THE BOER REPUBLICS.

THE two Boer republics of South Africa lie in the southern part of Africa, directly north of Cape Colony, and nearly surrounded by British territory, which stretches along their entire western and northern boundaries and occupies one-half of the space between their eastern boundary and the Indian Ocean, while the other half is occupied by the territory of Portuguese East Africa. Their territory is thus entirely in the interior, having no port on the ocean, although the distance from their eastern boundary to the Indian Ocean is less than 200 miles. They were originally populated by Dutch residents of Cape Colony and Natal who became dissatisfied with British rule.

ORANGE FREE STATE.

The Orange Free State is the older of the two organizations, having been founded originally by Boers who quitted Cape Colony in 1836.

The area of the Orange Free State is estimated at 48,326 square miles, and the population, according to the census of 1890, 77,716 whites and 129,787 natives. The chief industry is agriculture and stock raising, the territory consisting of undulating plains, which afford excellent grazing. Diamond and gold mines are worked, the diamond production being of considerable value. The great Kimberley diamond mines are located just outside and west of the territory of the Orange Free State. A railway, constructed by the Cape Colony Government, connects Bloemfontein, the capital of the Orange Free State, with the ports of Cape Colony and Natal, also with the capital of the South African Republic, which lies at the north.

SOUTH AFRICAN REPUBLIC.

The South African Republic, or the Transvaal, as it is frequently termed, lies immediately north of the Orange Free State, and was formed by a party of Boers who left Cape Colony in 1835 for Natal, but withdrew from that colony on its annexation to the British Crown.

The area of the republic is 119,139 square miles; the white population, estimated, for 1898, is 345,397, and the native population, 748,759. The seat of government is Pretoria, with a white population of 10,000. The largest town is Johannesburg, the mining centre of Witwatersrand gold fields, having a population within a radius of three miles, according to the census of 1896, of 102,078 persons, of which number 50,907 were whites, 952 Malays, 4,807 coolies and Chinese, 42,533 Kaffirs, and 2,879 of mixed race. One-third of the population of the republic is estimated to be engaged in agriculture, the lands of the republic generally, outside the mining districts, being extremely productive, and the demand for farm products in the mining regions very great, even in excess of the local products at the present time. The gold mines are now the most productive in the world, and have already turned out gold to the value of more than $300,000,000, and, according to the estimate of experts, have still $3,500,000,000 "in sight." The republic is connected with the ports of Cape Colony, Natal, and Lorenzo Marquez (the latter in Portuguese East Africa) by rail.

CAPE COLONY.

Cape Colony, which occupies the most southerly part of Africa, came under British control in 1796. It was originally a colony of Holland and was conquered by the British in war with that country in 1796, was restored to the Dutch in 1803, again occupied by the British in 1806 and formally ceded by treaty to Great Britain in 1814, forming a part of the whole of South Africa which has been claimed by the British as their territory under the treaty.

The area of Cape Colony is variously stated at from 277,000 to 292,000 square miles, the length from north to south being nearly 600 miles and the breadth about 450 miles, though this statement of area and length includes British Bechuanaland, which was incorporated with Cape Colony in 1895, and whose area alone was 51,425 square miles. The total population of the colony is now given as 2,011,305, of which number about 400,000 are white the greater number being of Dutch descent. The principal events since the British came finally into control are: The first Kaffir war, in 1834; the removal of a portion of the Boers to Natal and the Orange Free State, in 1836; the second Kaffir war, in 1847; introduction of representative government, in 1853; first diamond discovery, in 1867; introduction of responsible government, in 1872; incorporation of Transkein territories with the colony, in 1885; annexation of Pondoland, in 1894; and annexation of Bechuanaland, in 1895. The minerals include extremely rich deposits of copper, yielding a percentage of from 32 to 36 per cent, the exports of 1887 amounting to 27,329 tons, valued in round terms at $1,500,000. Coal of considerable value is also produced. The most valuable mineral product, however, is that of diamonds, already referred to, which are chiefly found at Kimberley, which lies well at the north of Cape Colony territory and immediately adjacent to the territory of the Orange Free State. The total exportation of rough diamonds from Cape Colony from 1867 to 1897 is stated as £83,311,087. These mines employ large numbers of people, the importation of articles required by them and the exportation of products of the mines mostly passing through Cape Town, the chief city of the colony.

NATAL.

The British colony of Natal lies northeast of Cape Colony and was settled by the Dutch. Great Britain claimed the territory and took military possession of it in 1843. Including Zululand the colony has an estimated area of 35,000 square miles and had a population in 1898 of 829,000, of which 61,000 are Europeans. The principal crop for export is sugar, though quantities of corn, wheat, oats, and other cereals are grown, while tea planting, which has been recently introduced, occupies 2,664 acres, the yield for 1897 being 849,000 pounds. The coal fields of the colony are of large extent and of considerable importance, the output in 1897 being 244,000 tons. Large forests of valuable timber abound.

The railroads in operation are 487 miles in length, and are all constructed and operated by the Government. The main line extends from the port of Durban to Pietermaritzburg, the capital, and thence to the border of the South African Republic, 307 miles distant from the port of Durban (Port Natal), with an extension from the border of Johannesburg, the centre of the great gold-mining interests, and Pretoria, the capital of the South African Republic, and from Pretoria a railroad line also extends eastward to Lorenzo Marquez on Delagoa Bay, in Portuguese territory.

The province of Zululand, which is now a part of Natal, comprises about two-thirds of the country formerly under Zulu kings, and is chiefly populated by natives. The population of Zululand and British Anatongaland is given as 180,000.

TRANSVAAL
ORANGE FREE STATE
CAPE COLONY
NATAL
PRETORIA
JOHANNESBURG
BLOEMFONTEIN
KIMBERLEY
DURBAN
P'MARITZBURG
PORT ELIZABETH
East London
Queenstown
Kokstad
Naauwpoort
Aliwal North
Vryburg
Mafeking
Kroonstad
Harrismith
Ladysmith
Newcastle
Vryheid
Glencoe
Dundee
Utrecht
Wakkerstroom
Ermelo
Barberton
Komati Poort
Delagoa B.
St. Lucia B.
Port Alfred
Grahamstown
Cradock
Graaff Reinet
Uitenhage
Algoa B.
George
Mossel Bay
Plettenberg B.
Knysna
Port Nolloth
Kimberley
Beaconsfield
Jagersfontein
Fauresmith
Philippolis
Springfontein
Colesberg
De Aar
Victoria W.
Richmond
Middelburg
Hopetown
Wilberg
Stellaland
Griqualand West
Basutoland
Swaziland
Zululand
Tugela R.
Orange R.
Vaal R.
Limpopo R.
Kosi B.
Amatongaland
Pietermaritzburg
Estcourt
Ladybrand
Maseru
Harrismith
Bethlehem
Frankfort
Ficksburg
Winburg
Kroonstad
Heidelberg
Vereeniging
Klerksdorp
Potchefstroom
Lichtenburg
Mafeking
Rustenburg
Pretoria
Johannesburg
Witwatersrand
Barberton
Komati Poort
Delagoa B.
Lydenburg
Crocodile R.
Komati R.
Pietersburg
Louis Trichardt
Zoutpansberg
Waterberg
Rustenburg
Zeerust
Vryburg
Kuruman
Upington
Prieska
Hopetown
Colesberg
Cape Town
Mossel Bay
Knysna
Port Elizabeth
Port Alfred
Grahamstown
East London
Kokstad
Umtata
Port St. Johns
Durban
Port Natal
Pietermaritzburg
Newcastle
Vryheid
Ladysmith
Harrismith
Bloemfontein
Kimberley
Mafeking
Vryburg
Pretoria
Johannesburg
Delagoa B.
Komati Poort
Port Nolloth
Victoria W.
Richmond
Middelburg
Naauwpoort
Aliwal North
Queenstown
Cradock
Graaff Reinet
Uitenhage
Algoa B.
Port Elizabeth
Grahamstown
East London
Port Alfred

THE SOUTH AFRICAN WAR—*Continued.*

EVENTS IN THE WAR TO DECEMBER 15, 1899.

May 31, 1899—A conference between Sir Alfred Milner, Governer of Cape Colony, and the Presidents of the Dutch Republics was held at Bloemfontein, in which terms for the adjustment of the claims of the Outlanders were discussed, but no agreement was reached.

June 1-October 10—Negotiations proceeded between the Governments of Great Britain and the Transvaal, while the Legislature of the latter adopted laws regarding the franchise which were not acceptable to the former. Meanwhile both countries prepared energetically for war, and the Orange Free State announced its determination to support the Transvaal in case of hostilities.

October 10—The Transvaal sent the following ultimatum to the British Government·

First—That all points of mutual difference be regulated by friendly recourse to arbitration, or by whatever amicable way may be agreed upon by this Government and Her Majesty's Government.

Second—That all troops on the borders of this Republic shall be instantly withdrawn.

Third—That all reinforcements of troops which have arrived in South Africa since June 1, 1899, shall be removed from South Africa within a reasonable time to be agreed upon with this Government and with the mutual assurance and guarantee on the part of this Government that no attack upon or hostilities against any portion of the possessions of the British Government shall be made by this Republic during the further negotiations, within a period of time to be subsequently agreed upon between the Governments; and this Government will, on compliance therewith be prepared to withdraw the armed burghers of this Republic from the borders.

Fourth—That Her Majesty's troops which are now on the high seas shall not be landed in any part of South Africa.

This Government presses for an immediate and affirmative answer to these four questions and earnestly requests Her Majesty's Government to return an answer before or upon Wednesday, October 11, 1899, not later than 5 o'clock P. M.

It desires further to add that in the unexpected event of an answer not satisfactory being received by it within the interval, it will with great regret be compelled to regard the action of Her Majesty's Government as a formal declaration of war and will not hold itself responsible for the consequences thereof, and that, in the event of any further movement of troops occurring within the above-mentioned time in a nearer direction to our borders, this Government will be compelled to regard that also as a formal declaration of war.

October 12—The British reply being unsatisfactory the Transvaal Boers invaded Natal, advancing toward Newcastle, where the British under Generals White and Symons were on the defensive.

October 13—The British evacuated Newcastle and fell back on Ladysmith, where there was a strong British force.

October 20—The siege of Kimberley by the Boers began.

October 20—Battle of Dundee in Natal, in which the British repulsed the Boers; British loss, 215 in killed and wounded.

October 21—Battle of Elandslaagte; General French captured the Boers' position; British loss in killed and wounded, 257.

October 24—General White repulsed a Free State force at Rietfontein, near Ladysmith.

October 29—The siege of Ladysmith by the Boers began.

October 30—In a sortie near Ladysmith the British were entrapped and defeated, and the Boers captured 870 prisoners.

November 2—Communication with Ladysmith was cut off by the Boers.

November 3—The British evacuated Colenso in Natal.

November 6—The Boers shelled Mafeking, and an attack on the British position was repulsed.

November 9—The first British transport carrying re-enforcements reached Cape Town and proceeded to Durban.

November 16—A British armored train near Eastcourt, Natal, was wrecked by Boers, and 56 prisoners, including Winston Churchill, were captured.

November 23—Near Gras Pan Lord Methuen attacked the Boers and drove them from their position.

November 26—Battle of Modder River, a sanguinary British victory.

December 10—The British under General Gatacre were led into a Boer ambuscade near Stormberg Junction, and lost 1,000 men, including 672 captured.

December 10-11—Lord Methuen failed to take the Boer positions at Spytfontein after desperate fighting and lost heavily, General Wauchope being killed.

December 15—General Buller was severely defeated while attempting to force the Tugela River, near Colenso; his loss was over 1,000 men and eleven guns. British losses to date in killed, wounded, and missing, 7,630.

The Anglo-American League.

THE Anglo-American League was organized by British gentlemen at a meeting held at Stafford House, London, July 13, 1898, the Duke of Sutherland presiding. The avowed purpose of the League is the promotion of friendly feeling between the two English-speaking peoples, those of the United States and the British Empire. The League is not political in its aims, and does not contemplate the advocacy of a political alliance. The following Executive Committee was appointed at the meeting:

The Right Hon. James Bryce, M. P., Chairman; the Duke of Sutherland, Honorary Treasurer; the Earl of Jersey, Earl Grey, the Earl of Crewe, Lord Coleridge, Horace Plunkett. M. P.; Sir Stafford Northcote, Bart., M. P.; Sir William Holdsworth, Bart., M. P.; Thomas Burt. M. P.; John E. Ellis, M. P.; Percey W. Bunting, H. W. Massingham, Alfred C. Harmsworth, George Wyndham, M. P.; E. J. C. Morton, M. P.; Sir David Dale, Bart.; Sir Walter Besant, Sir W. Martin Conway, Thomas H. Ismay, Rev. C. A. Berry, D. D.; Professor J. Westlake, Professor A. V. Dicey, W. T Stead, T. Fisher Unwin (with power to add to their number). The temporary offices are at 6 King's Bench Walk Temple, E. C., London.

The American response to the action of the League appears in the following declaration which was signed in August, 1898, by numerous citizens of the United States:

We, citizens of the United States of America, desire to express our most hearty appreciation of the recent demonstrations of sympathy and fellowship with this country on the part of citizens of the various countries comprised in the British Empire. We earnestly reciprocate these sentiments, recognizing as we do that the same language and the same principles of ordered liberty should form the basis of an intimate and enduring friendship between these kindred peoples—a friendship destined to hasten the day of peace and good-will among all the nations of the earth.

The promoters of the declaration were the following gentlemen:

Whitelaw Reid, Rev. Lyman Abbott, D. D.; James W. Alexander, Charles C. Beaman, John L. Cadwalader, ex-Secretary John G. Carlisle, John Claflin, Archbishop M. A. Corrigan, Frederic R. Coudert, William E. Dodge, Elbridge T. Gerry, Richard Watson Gilder, Abram S. Hewitt, Thomas L. James, Daniel S. Lamont, Seth Low, Frank D. Pavey, Bishop Henry C. Potter, George L. Rives, Carl Schurz, Edmund C. Stedman, Gen. Wager Swayne, J. Kennedy Tod, Benjamin F. Tracy, Cornelius Vanderbilt, William C. Whitney, D. O. Eshbaugh, Secretary, 32 Nassau Street, New York.

The Samoan Settlement.

IT was officially announced at Berlin and London on November 8, 1899, that an agreement, subject to the approval of the United States, had been concluded between Great Britain and Germany, by virtue of which the Samoan act was repealed, and the islands of Upolu, Savaii, and the small adjacent islands went to Germany as free property, and the island of Tutuila and its subsidiary islands to the United States. Great Britain renounced any claim to the Samoan Islands, and Germany, in turn, renounced any claim to the Tonga Islands and to Savage Island in favor of Great Britain, and also ceded Choiseul and San Isabel, the two easterly islands of the Solomon group, with their insular surroundings, to Great Britain.

The consular representatives of the two powers in Samoa and the Tonga Islands were to be withdrawn for the present, and German subjects were to have the same rights as British subjects in regard to free and unimpeded enlistment of native laborers in the whole of the Solomon group in the possession of Great Britain, including Choiseul and San Isabel.

A further agreement concluded between Germany, Great Britain, and the United States was to the effect that the question of compensation for claims for damages during the late trouble was to be submitted to an imperial court of arbitration, which will decide all claims. King Oscar of Sweden and Norway was selected as the arbitrator. The treaty is subject to ratification by the United States Senate

TUTUILA AND THE HARBOR OF PAGO-PAGO.

Tutuila, the Samoan island which, with its attendant islets, becomes a possession of the United States, in case the tri-partite treaty is ratified by the Senate, covers, according to the Bureau of Statistics of the Treasury Department, fifty-four square miles, and has 4,000 inhabitants. It possesses the most valuable island harbor, Pago-Pago, in the South Pacific, and perhaps in the entire Pacific Ocean. Commercially the island is unimportant at present, but it is extremely valuable in its relation to the commerce of any nation desiring to cultivate transpacific commerce Mr. Goward, who was sent by the United States Government to arrange for a treaty for the harbor of Pago-Pago, said:

The capacity of this harbor is sufficient for the accommodation of large fleets; landlocked, it is safe from hurricanes and storms, and could easily be defended from land or sea attack at a small expense. In a naval point of view it is the key position to the Samoan group, and likewise to Central Polynesia, and is especially located for protection of American commerce. The Samoan Archipelago is, by reason of its geographical position in Central Polynesia, lying in the course of vessels from San Francisco to Auckland, from Panama to Sydney, and from Valparaiso to China and Japan, and from being outside the hurricane track, the most valuable group in the South Pacific. Situated half-way between Honolulu and Auckland, Pago-Pago would be a most convenient stopping place or coaling station for vessels or steamers, either for supplies or the exchange of commodities. With the Pacific mail steamers making it a port for coaling, it would necessarily become the controlling commercial place in that part of Polynesia.

Ex-Chief Justice Chambers, of Samoa, says of Pago-Pago that "The harbor could hold the entire naval force of the United States, and is so perfectly arranged that only two vessels can enter at the same time. The coaling station being surrounded by high bluffs cannot be reached by shells from outside."

The Samoan Islands in the South Pacific are fourteen in number, and lie in a direct line drawn from San Francisco to Auckland, New Zealand. They are 4,000 miles from San Francisco, 2,200 miles from Hawaii, 1,900 miles from Auckland, 2,000 miles from Sydney, and 4,200 miles from Manila. The inhabitants, numbering 34,000, are native Polynesians and Christians of different denominations. There are about 500 Europeans resident in the islands Schools are attached to the churches. Apia, on the island of Upolu, has been the capital.

In 1889 Great Britain, Germany, and the United States signed an act as protectors of the island, but recognizing the independence of the Samoan Government, and the right of the natives to elect their chief or king, and to choose a form of Government according to their own laws and customs. A supreme court was established, consisting of one judge, and this court had jurisdiction in all civil suits concerning property, and all suits between foreigners and natives. The troubles in Samoa which have disturbed the island for several years have arisen from trade rivalry among the foreigners, and the claims of rival chieftains among the natives for the kingship. In 1898 Mataafa and Malietoa Tanu were at war, and in a battle in January, 1899, the latter was overthrown. He was, however, supported by the Americans and British, and in the course of subsequent events their naval forces were brought in conflict with Mataafa and his followers, and there was one battle in April in which officers and men of both forces lost their lives. The German officials and residents were favorable to Mataafa.

In June, 1899, the three signatory powers appointed a commission to proceed to Samoa and adjust the difficulties there. The High Commissioners appointed were Bartlett Tripp on the part of the United States, C. N. E. Elliott on that of Great Britain, and H. Sternberg on that of Germany. At Apia July 25 a treaty was signed by the commission which abolished the kingship and established a government composed of an administrator to be chosen by a disinterested power, who would be assisted by a council of delegates from the three signatory powers, and to this government a liberal measure of authority was given. Pending the ratification of this arrangement by the United States, Great Britain, and Germany, those powers concluded the agreement by which the Samoan group, with the exception of Tutuila, became German territory, Tutuila the property of the United States, and Great Britain withdrew from all territorial interest, receiving compensation from Germany elsewhere.

The United States Light-House Establishment.

THE following are the members of the Light-House Board:

Hon. Lyman J. Gage, Secretary of the Treasury and *ex officio* President of the Board, Washington, D. C.
Commodore Francis J. Higginson, U. S. Navy, Chairman Washington, D. C.
Colonel Walter S. Franklin, Baltimore, Md.
Dr. Henry S. Pritchett, Superintendent U. S. Coast and Geodetic Survey, Washington D C.
Colonel George L. Gillespie, Corps of Engineers, U. S Army, New York City.
Captain Yates Stirling, U. S. Navy, Washington D C.
Lieutenant Colonel A. Mackenzie, Corps of Engineers, U. S. Army, Washington, D. C.
Captain Thomas Perry, U. S. Navy, Naval Secretary, Washington, D C.
Major R. L. Hoxie, Corps of Engineers, U. S. Army, Engineer Secretary, Washington, D. C.

At the close of the fiscal year there were under the control of the Light-House Establishment: Light-houses and lighted beacons, 1,739; light-vessels in position 46; light-vessels for relief, 7; electric and gas buoys in position, 78; fog-signals operated by steam or hot air, 160; fog-signals operated by clock-work, 217; post-lights on Western rivers, 1 411; day or unlighted beacons 475; whistling-buoys in position, 70; bell-buoys in position 116.

The Universal Peace Conference of 1899.

THE Rescript of the Emperor of Russia, proposing an international conference to consider terms of universal and permanent peace throughout the world, was printed in THE WORLD ALMANAC for 1899, page 106.

The Peace Conference assembled at The Hague, Netherlands, May 18, 1899, and continued in session until the day of final adjournment, July 29, 1899.

The following were the nations represented at the Conference at its opening, with the names of their delegates:

Austria-Hungary.—Count von Welsersheimb, First Secretary of the Austrian Foreign Office, Ambassador Extraordinary; M. Okoliesanyé Okalicona, Minister at the Court of The Hague· Court and Ministerial Councilor Mérey.

Belgium.—M. Beernaert, Minister for Foreign Affairs; Chevalier Descamp-David, Senator; Count de Grelle-Rogiar, Minister at The Hagne.

China.—Yang Yü, Minister at the Court of St. Petersburg.

Denmark.—Fr. E. de Bille, Minister at the Court of St. James; Col. Van Schnack, a former Minister of War.

France.—M. Bourgeois, a former Premier; M. Bihourd, Minister at The Hague; Baron Estournelles de Constant, Deputy; Vice-Admiral Pephan; Brig.-Gen. Monnier; Louis Renault, Professor of Law.

Germany.—Count Münster, Ambassador at Paris; Baron von Stengel, of the Munich University; Prof. Dr. Zorn, of the University of Königsberg; Capt. Siegel, Naval Attaché at the German Embassy in Paris; Col. Gross von Schwarzhoff, commanding the Ninety-fourth Regiment of Infantry.

Great Britain.—The Right Hon. Sir Julian Pauncefote, Her Majesty's Ambassador at Washington; Sir Henry Howard, Minister at The Hague; Vice-Admiral Sir John Fisher; Major-Gen. Sir John Ardagh.

Italy.—Count Nigra, Minister at the Court of Vienna; Count Zernini, Minister at The Hague; Gen. Zuccari; Capt. Bianca, of the navy.

Japan.—Baron Hayashi, Minister at the Court of St. Petersburg; Col. Uyehara; Capt. Sakomoto, of the navy; J. Monoto, Ambassador at Brussels.

Netherlands.—Sir A. P. C. van Karnebeck, a former Foreign Minister and Deputy; Major-Gen. den Beer Poortugael, Privy Councilor, a former War Minister; Prof. Asser, Privy Councilor, and M. E. N. Rahusen, member of the Upper House.

Norway and Sweden.—Baron Bildt, Minister at the Court of Rome.

Persia.—Gen. Mirza Riza-Khan, Minister at the Court of St. Petersburg.

Portugal.—Count de Macedo, Minister at Madrid; Angostino d'Ornellas, Minister at St. Petersburg; Count de Selir, Minister at The Hague.

Roumania.—M. Al Beldiman, Ambassador at the Court of Berlin; M. T. Papinin, Minister at The Hague; Col. C. Coanda.

Russia.—Baron de Staal, Col. Jilinsky, Col. Count Barantzew, Capt. Scheine, of the navy; Lieut. Outchinnekow, of the navy; Prof. de Martens.

Servia.—M. Myatovitch, Minister in London.

Siam.—Phya Suriya, Ambassador; Dr. Ch. Corragioni d'Orelli, Secretary of Legation; M. E. Rolin, Consul-General in Belgium.

Spain.—The Duke de Tetuan, M. de Villa Urrutia, Ambassador at Brussels; M. de Bageur, Minister at The Hague.

Switzerland.—Dr. S. Roth, Minister at the Court of Berlin; Col. A. Kuzli and M. E. Odier, both members of the National Council.

Turkey.—Turkhan Pasha, Privy Councilor; Nourey Bey, Secretary-General of the Foreign Office; Abdulla Pasha, Lieutenant-General; Rear-Admiral Mehemed Pasha.

United States of America.—Seth Low, President of Columbia University; Andrew D. White, Ambassador at Berlin; Stanford Newel, Minister at The Hague; Capt. William Crozier, of the Ordnance Department, U. S. A.; Capt. A. T. Mahan, of the navy, and Frederick Hollis as Secretary.

Subsequently delegates also appeared at the Conference from Greece, Luxembourg, Montenegro, Bulgaria, and Mexico, making the total number of countries represented twenty-six.

The work of the Conference had been previously outlined by the Russian Minister of Foreign Affairs, Count Muravieff, as follows:

1. An understanding not to increase for a fixed period the present effective of the armed military and naval forces, and at the same time not to increase the budgets pertaining thereto; a preliminary examination of the means by which a reduction might even be effected in future in the forces and budgets above mentioned.

2. To prohibit the use in the armies and fleets of any new kind of firearms whatever, and of new explosives, or any powders more powerful than those now in use either for rifles or cannon.

3. To restrict the use in military warfare of the formidable explosives already existing, and to prohibit the throwing of projectiles or explosives of any kind from balloons or by any similar means.

4. To prohibit the use in naval warfare of submarine torpedo boats or plungers, or other similar engines of destruction; to give an undertaking not to construct vessels with rams in the future.

5. To apply to naval warfare the stipulations of the Geneva Convention of 1864, on the basis of the articles added to the Convention of 1868.

6. To neutralize ships and boats employed in saving those overboard during or after an engagement.

7. To revise the declaration concerning the laws and customs of war elaborated in 1874 by the Conference of Brussels, which has remained unratified to the present day.

8. To accept in principle the employment of the good offices of mediation and facultative arbitration in cases lending themselves thereto, with the object of preventing armed conflicts between nations; an understanding with respect to the mode of applying these good offices, and the establishment of a uniform practice in using them.

It is well understood that all questions concerning the political relations of States and the order of things established by treaties, as generally all questions which do not directly fall within the programme adopted by the Cabinets, must be absolutely excluded from the deliberations of the Conference.

The Conference was opened by Queen Wilhelmina, as hostess, and Baron de Staal as the representative of the Emperor of Russia and as President of the Conference made a formal statement of its business. Three committees were constituted: 1. On Armaments; 2. On Rules of War; 3. On Arbitration. These were subsequently divided into sections to which separate subjects were referred.

On following days presidents and vice-presidents of the committees were chosen. The sections met and considered their subjects and reported to the committees. These in turn accepted or rejected the results of the sections and reported to the Conference, which acted upon their conclusions.

THE RESULTS.

In reference to armaments, the opinion of the Conference was expressed in the following words: "The Conference considers that the limitation of military charges, weighing upon the world at the present time, is greatly to be desired in the interest of an increase of the material and moral welfare

of humanity," and also, "The Conference is of the opinion that the governments—taking into account the propositions made in this Conference—should make a study of the possibility of an agreement concerning the limitation of armed forces on land and sea and of naval budgets."

In the revision of the Laws of War, the following results, among others, were reached: The absolute prohibition of pillage and of the destruction or confiscation of works of art; an elaborate and humane system of regulations concerning the rights, duties, and privileges of prisoners of war; the extension of the Geneva Red Cross rules to naval warfare; the adoption and extension of the laws formulated by the Brussels Conference for the conduct of land warfare.

The proposition of the American delegates that private property, not contraband of war, shall be excepted from capture on the high seas, was not adopted by the Conference. The prohibition of the use of asphyxiating shells and expanding bullets in war was voted for by all the nations except the United States and Great Britain (Portugal abstaining from voting), and, therefore, was not adopted.

THE COURT OF ARBITRATION.

The most important achievement of the Conference was based on the report of the third committee, which was accepted by the Conference after several modifications—a treaty which, when ratified by the Senate of the United States, constitutes and establishes a court for the arbitration of disputes between nations.

The Arbitration Treaty consists of sixty-one articles, divided into four titles: First, On the Maintenance of General Peace, consisting of one declaratory article; second, On Good Offices and Mediation; third, On International Commissions of Inquiry; fourth, On International Arbitration.

The following is a summary of the treaty:

Article 1.—With the object of preventing, as far as possible, recourse to force in international relations, the signatory powers agree to use all endeavors to effect by pacific means a settlement of the differences which may arise among them.

Article 2.—The signatory powers decide that in cases of serious differences or conflict they will, before appealing to arms, have recourse, so far as circumstances permit, to the good offices or mediation of one or several friendly powers.

Article 3.—Independently of this, the signatory powers deem it useful that several of the powers not committed to the arbitration scheme shall, on their own initative, offer, as far as circumstances permit, their good offices or mediation to the contending States. The right of offering their good offices belongs to powers not connected with the conflict, even during the course of hostilities, which act can never be regarded as an unfriendly act.

Article 4.—The part of mediator consists in reconciling conflicting claims and appeasing resentment which may have arisen between contending States.

Article 5.—The functions of mediator cease from the moment it may be stated by one of the contending parties, or by the mediator himself, that the compromise or basis of an amicable understanding proposed by him has not been accepted.

Article 6.—Good offices and mediation have the exclusive character of counsel, and are devoid of obligatory force.

Article 7.—The acceptance of mediation, unless otherwise stipulated, may have the effect of interrupting the obligation of preparing for war. If the acceptance supervenes after the opening of hostilities it shall not interrupt, unless by a convention of a contrary tenor, military operations that may be proceeding.

Article 8.—The signatory powers agree in recommending the application of special mediation in the event of threatened interruption of peace between members. Contending States may each choose a power to which they will intrust the mission of entering into a negotiation with a power chosen by the other side with the object of preventing a rupture of pacific relations, or, in the event of hostilities, of restoring peace.

Articles 9 to 14 provide for the institution of an international Commission of Inquiry for the verification of facts in cases of minor disputes not affecting the vital interest or honor of States, but impossible of settlement by ordinary diplomacy. The report of an Inquiry Commission will not force an arbitral judgment, leaving the contending parties full liberty to either conclude an amicable arrangement on the basis of the report or have recourse ulteriorly to mediation or arbitration.

Articles 15 to 19 set forth the general object of and benefits it is hoped to derive from the arbitration court, and declare that signing the convention implies an undertaking to submit in good faith to arbitral judgment. The summary of the proposed treaty continues:

Article 20.—With the object of facilitating an immediate recourse to arbitration for international differences not regulated by diplomatic means the signatory powers undertake to organize in the following manner a permanent Court of Arbitration, accessible at all times and exercising its functions, unless otherwise stipulated, between the contending parties in conformity with the rules of procedure inserted in the present convention.

Article 21.—This court is to have competency in all arbitration cases, unless the contending parties come to an understanding for the establishment of special arbitration jurisdiction.

Article 22.—An international bureau established at The Hague and placed under the direction of a permanent Secretary-General will serve as the office of the court. It will be the intermediary for communications concerning meetings. The court is to have the custody of archives and the management of all administrative affairs.

Article 23.—Each of the signatory powers shall appoint within three months of the ratification of the present article not more than four persons of recognized competence in questions of international law, enjoying the highest moral consideration, and prepared to accept the functions of arbitrator. The persons thus nominated will be entered as members of the court on a list, which will be communicated by the bureau to all the signatory powers. Any modification of the list will be brought by the bureau to the knowledge of the signatory powers. Two or more powers may agree together regarding the nomination of one or more members, and the same person may be chosen by different powers. Members of the court are to be appointed for the term of six years. The appointments are renewable. In case of the death or resignation of a member of the court, the vacancy is to be filled in accordance with the regulations made for the original nomination.

Article 24.—The signatory powers who desire to apply to the court for a settlement of differences shall select from the general list a number of arbitrators, to be fixed by agreement. They will notify the bureau of their intention of applying to the court, and give the names of the arbitrators they may have selected. In the absence of a convention to the contrary an arbitral tribunal is to be constituted in accordance with the rules of Article 1. Arbitrators thus nominated to form an arbitral tribunal for a matter or question will meet on the date fixed by the contending parties.

Article 25.—The tribunal will usually sit at The Hague, but may sit elsewhere by consent of the contending parties.

Article 26.—The powers not signing the convention may apply to the court under the conditions prescribed by the present convention.

Article 27.—The signatory powers may consider it their duty to call attention to the existence of the permanent court to any of their friends between whom a conflict is threatening, which must always be regarded as a tender of good offices.

The United States delegates attached to their acceptance of Article 27 the following declaration: "Nothing contained in this convention shall be so construed as to require the United States of America to depart from its traditional policy of not intruding upon, interfering with, or entangling itself in the political questions or internal administration of any foreign State; nor shall anything contained in said convention be so construed as to require the relinquishment by the United States of America of its traditional attitude toward purely American questions."

Article 28.—A permanent council, composed of the diplomatic representatives of the signatory powers residing at The Hague and the Netherlands Foreign Minister, who will exercise the functions of President, will be constituted at The Hague as soon as possible after the ratification of the present act. The council will be charged to establish and organize an international bureau, which will remain under its direction and control. The council will notify the powers of the constitution of the court and arrange its installation, draw up the standing orders and other necessary regulations, will decide questions likely to arise in regard to the working of the tribunal, have absolute powers concerning the appointment, suspension, or dismissal of functionaries or employes, will fix the emoluments and salaries, and control the general expenditure. The presence of five members at duly convened meetings will constitute a quorum. Decisions are to be taken by a majority of the

THE UNIVERSAL PEACE CONFERENCE OF 1899—*Continued.*

votes. The council will address annually to the signatory powers a report of the labors of the court, the working of its administrative services, and of its expenditure.

Article 29.—The expenses of the bureau are to be borne by the signatory powers in the proportion fixed for the International Bureau of the Universal Postal Union.

Article 30.—The powers who accept arbitration will sign a special act, clearly defining the object of the dispute, as well as the scope of the arbitrators. The powers' act confirms the undertaking of the parties to submit in good faith to the arbitration judgment.

Article 31.—Arbitration functions may be conferred upon a single arbitrator, or on several arbitrators designated by the parties at their discretion, or chosen from among the members of the permanent court established by the present act. Unless otherwise decided, the formation of the arbitration tribunal is to be effected as follows: Each party will appoint two arbitrators, who will choose a chief arbitrator. In case of a division, the selection is to be intrusted to a third power, whom the parties will designate. If an agreement is not effected in this manner, each party is to designate a different power, and the choice of a chief arbitrator is to devolve upon them.

Article 32.—When an arbitrator is a sovereign, or head of a State, the arbitral procedure depends exclusively on his august decision.

Article 33.—The chief arbitrator is President de jure. When the tribunal does not contain a chief of arbitration, the tribunal may appoint its own President. He may be designated by the contending parties, or, failing this, by the arbitration tribunal.

Articles 34 to 50 provide for the appointment of Councilors, the selection of the languages to be employed, and the rules of procedure in the court, whose sittings are to be behind closed doors.

Article 51 provides that a judgment agreed to by a majority vote is to be set forth in writing, giving the full reasons, and is to be signed by each member, the minority recording its dissent and signing it. Articles 52 and 53 direct that the decision of the court shall be read at a public sitting in the presence of the agents or counsel of the contending parties, who shall finally decide the matter at issue and close the arbitration proceedings.

The concluding clauses relate to the revision of proceedings in the case of the discovery of a new fact, and provide that each power shall bear its own expenses and agreed share of the cost of the tribunal without reference to the penalties imposed.

The Senate of the United States will have to act on the Arbitration Treaty before its acceptance is conclusive as to this country.

The United States and Canada.

TEXT OF THE AGREEMENT FOR THE TEMPORARY SETTLEMENT OF THE ALASKA BOUNDARY LINE.

THE following is the text of the *modus vivendi* negotiated between the State Department of the United States and the British Foreign Office, the Anglo-American Joint High Commission to adjust all outstanding questions between the United States and the Dominion of Canada having been unable to reach a conclusion at the time of the adoption of this agreement, October 20, 1899:

It is hereby agreed between the Governments of the United States and of Great Britain that the boundary line between Canada and the Territory of Alaska, in the region about the head of Lynn Canal, shall be provisionally fixed without prejudice to the claims of either party in the permanent adjustment of the international boundary, as follows:

In the region of the Dalton Trail, a line beginning at the peak west of Porcupine Creek, marked on the Map No. 10 of the United States Commission, December 31, 1895, and on Sheet No. 18 of the British Commission, December 31, 1895, with the number 6,500; thence running to the Klehini (or Klaheela) River, in the direction of the peak north of the river, marked No. 5,020 on the aforesaid United States map and No. 5,025 on the aforesaid British map; thence following the high or right bank of the said Klehini River to the junction thereof with the Chilkat River, a mile and a half, more or less, north of Klukwan, provided that persons proceeding to or from Porcupine Creek shall be freely permitted to follow the trail between the said creek and the said junction of the rivers into and across the territory on the Canadian side of the temporary line wherever the trail crosses to such side, and subject to such reasonable regulations for the protection of the revenue as the Canadian Government may prescribe, to carry with them over such part or parts of the trail between the said points as may lie on the Canadian side of the temporary line such goods and articles as they desire, without being required to pay any customs duties on such goods and articles, and from said junction to the summit of the peak east of the Chilkat River, marked on the aforesaid Map No. 10 of the United States Commission with the number 5,410, and on the Map No. 17 of the aforesaid British Commission with the number 5,490.

On the Dyea and Skaguay trails, the summits of the Chilkoot and White passes.

It is understood, as formerly set forth in communications of the Department of State of the United States, that the citizens or subjects of either power found by this arrangement within the temporary jurisdiction of the other shall suffer no diminution of the rights and privileges which they now enjoy.

The Government of the United States will at once appoint an officer or officers, in conjunction with the officer or officers to be named by the Government of Her Britannic Majesty, to mark the temporary line agreed upon by the erection of posts, stakes, or other appropriate temporary marks.

THE JOINT HIGH COMMISSION.

The following are the members of the United States and British Joint High Commission for the settlement of the outstanding questions between this country and Canada. Since the adoption of the *modus vivendi* by the direct action of the Governments of the United States and Great Britain the Commission has held no further sessions, but its duties continue:

On the Part of Great Britain and Canada.—Baron Russell of Killowen, Lord Chief Justice of England, Chairman; Sir Wilfred Laurier, Premier of Canada; Sir Richard J. Cartwright, Minister of Trade and Commerce; Sir Louis G. Davies, Minister of Marine and Fisheries; John Charlton, M. P., and Sir James S. Winter, Premier of Newfoundland.

On the Part of the United States.—United States Senator Charles W. Fairbanks, of Indiana, Chairman; United States Senator Charles J. Faulkner, of West Virginia; Representative Sereno D. Payne, of New York; John W. Foster, former Secretary of State and ex-Minister to Spain, Russia, and Mexico; John A. Kasson, of Iowa, former Minister to Germany and Austria, and T. Jefferson Coolidge, of Massachusetts, former Minister to France.

Baron Russell succeeded Lord Herschell, an original member, who died in March, 1899. Senator Fairbanks succeeded Senator Gray, of Delaware, who resigned September, 1898, and Mr. Payne succeeded Mr. Dingley, of Maine, who died January, 1899.

Immigration Into the United States, 1820–1899.

Year.	Total Alien Passengers.	Year.	Total Alien Passengers.	Year.	Total Immigrants.	Year.	Total Immigrants.
1820	8,385	1841	80,289	1862	89,207	1882	788,992
1821	9,127	1842	104,565	1863	174,524	1883	603,322
1822	6,911	1843	52,496	1864	193,195	1884	518,592
1823	6,354	1844	78,615	1865	247,453	1885	395,346
1824	7,912	1845	114,371	1866	163,594	1886	334,203
1825	10,199	1846	154,416	Fiscal year end'g June 30		1887	490,109
1826	10,837	1847	234,968	1867	298,967	1888	546,889
1827	18,875	1848	226,527	1868	282,189	1889	444,427
1828	27,382	1849	297,024	1869	352,569	1890	455,302
1829	22,520	1850	369,986	1870	387,203	1891	560,319
1830	23,322	1851	379,466	1871	321,350	1892	623,084
1831	22,633	1852	371,603	1872	404,806	1893	502,917
1832	60,482	1853	368,645	1873	459,803	1894	314,467
1833	58,640	1854	427,833	1874	313,339	1895	279,948
1834	65,365	1855	200,877	1875	227,498	1896	343,267
1835	45,374	1856	195,857	1876	169,986	1897	230,832
1836	76,242	1857	246,945	1877	141,857	1898	229,299
1837	79,340	1858	119,501	1878	138,469	1899	311,715
1838	38,914	1859	118,616	1879	177,826		
1839	68,069	1860	150,237	1880	457,257	Total	*18,316,538
1840	84,066	1861	89,724	1881	669,431	1789 to 1820 est.	250,000

Of the whole number of immigrants in the fiscal year ending June 30, 1898, 178,748 came through the customs district of New York, 10,735 through Baltimore, 12,271 through Boston, 8,360 through Philadelphia, 2,274 through San Francisco, and †16,911 through other ports; total, 229,299.

The reported occupations of immigrants arriving during the fiscal year 1898 were as follows: Laborers, 52,531; farmers, 16,243; servants, 23,656; carpenters, 2,904; miners, 1,604; clerks, 2,031; tailors, 3,826; shoemakers, 3,229; blacksmiths, 1,152. The total number of professional immigrants was 1,342; of skilled laborers, 33,145; of miscellaneous, 104,238; of no occupation (including women and children), 90,425; occupation not stated, 144; total, 229,299. The principal nationality of immigrants in the year ending June 30, 1899, was: Italian, 98,730; Irish, 32,345; Polish, 28,466; German, 26,631; Scandinavian, 23,249; Slovak, 15,838; English, 10,712.

* Immigrants from the British North American possessions and Mexico are not included since July 1, 1885. † Includes 10,737 through Canada.

NATIONALITY OF IMMIGRANTS BY DECADES, 1841 TO 1890.
(Compiled by the Superintendent of the Census.)

Countries.	1841 to 1850.	1851 to 1860.	1861 to 1870.	1871 to 1880.	1881 to 1890.
England	32,092	247,125	251,288	440,961	649,052
Ireland	780,719	914,119	456,593	444,589	655,381
Scotland	3,712	38,331	44,681	88,925	149,856
Wales	1,261	6,319	4,642	6,779	11,990
Great Britain, not specified	229,979	132,199	349,766	7,908	147
Total United Kingdom	1,047,763	1,338,093	1,106,970	989,163	1,466,426
Austria	...	...	9,398	69,558	226,020
Belgium	5,074	4,738	7,416	7,278	17,506
Denmark	539	3,749	17,885	34,577	88,108
France	77,262	76,358	37,749	73,301	50,460
Germany	434,626	951,667	822,007	757,698	1,452,952
Hungary	...	...	448	13,475	127,678
Italy	1,870	9,231	12,982	60,830	307,095
Netherlands	8,251	10,789	9,539	17,236	53,701
Norway and Sweden	13,903	20,931	117,798	226,488	560,483
Russia and Poland	656	1,621	5,047	54,606	265,064
Spain and Portugal	2,759	10,353	9,047	9,767	5,564
Switzerland	4,644	25,011	23,839	31,722	81,987
All other countries in Europe	155	116	234	1,265	22,770
Total Europe	1,597,502	2,452,657	2,180,399	2,346,964	4,725,814
China	35	41,397	68,059	122,436	*59,995
Total Asia	82	41,458	68,444	123,068	63,932
Africa	55	210	324	221	*375
Canada	41,723	59,309	184,713	430,210	392,802
Mexico	3,271	3,078	2,386	5,164	†1,913
Central America	368	449	96	229 }	1,646
South America	3,579	1,224	1,443	1,152 }	
West Indies	13,528	10,660	9,698	14,461	*‡26,487
Total America	62,469	74,720	198,336	451,216	422,848
All other countries	53,143	29,169	19,249	23,226	25,759
Aggregate	1,713,251	2,598,214	2,466,752	2,944,695	5,238,728

* Not given in 1890. † Reports discontinued after 1885. ‡ Includes Central and South America for 1889.

As the reports for British North American Provinces and for Mexico have been discontinued since 1885 by the Treasury Department, the figures here represented only cover five years of the decade. An estimate based upon the immigration of the years from 1881 to 1885, inclusive, would give 785,604 to British North America for the decade from 1881 to 1890, and 3,826 to Mexico, making the aggregate for America 817,563, instead of 422,848.

Mulhall estimates the number of individuals who emigrated from Europe in 73 years, 1816 to 1888, at 27,205,000. Of these, 15,000,000 went to the United States. From 1890 to 1896 he gives 5,995,000 emigrants, of which 2,924,000 went to the United States.

The United States Census of 1900.

THE following was specially prepared for THE WORLD ALMANAC for 1900 by the Census Office:

The next census, to be taken in July, 1900, will be the Twelfth Census of the United States since the adoption of the Constitution. The act providing for taking the Twelfth Census was passed during the closing days of the Fifty-fifth Congress, and became a law March 3, 1899.

The first and second censuses, taken in 1790 and 1800 respectively, were simply an enumeration of the population for the purpose of determining the basis of representation in Congress. Since 1810 the census has been extended in scope in compliance with the demands of the public for statistics concerning various subjects, until in 1890 it covered fifteen or sixteen general topics.

The act providing for the taking of the Twelfth Census makes considerable change in the methods heretofore pursued. In the first place, it will be well to call attention to the fact that the act of March 3, 1899, recognizes and makes a proper division of the work into administrative and statistical branches. The act provides for a general staff to take charge of the work, namely, a Director, an Assistant Director, five Chief Statisticians, a Chief Clerk, a Disbursing Clerk, and Geographer. The act does not require that the Director of the Census shall be a statistician, but provides that the Assistant Director shall be an experienced, practical statistician, and it is contemplated by the act that he shall practically supervise the gathering of the statistics and their proper publication under the superintendence of the Director.

THE DIRECTOR OF THE CENSUS AND HIS OFFICIAL STAFF.

The following general officers have been appointed to superintend the taking of the census: Hon. William R. Merriam, of St. Paul, Minn., Director; Dr. F. H. Wines, of Illinois, Assistant Director; Mr. W. C. Hunt, of the District of Columbia, Chief Statistician in charge of the Population Division; Mr. L. G. Powell, of Minnesota, Chief Statistician in charge of the Agricultural Division; Mr. S. N. D. North, of Massachusetts, Chief Statistician in charge of Manufactures; Mr. W. A. King, of the District of Columbia, Chief Statistician in charge of Vital Statistics; Prof. W. A. Wilcox, of Cornell University, Chief Statistician in charge of Methods and Results; Mr. Edward McCauley, District of Columbia, Disbursing Clerk; Mr. A. F. Childs, District of Columbia, Chief Clerk, and Mr. Henry Gannett, District of Columbia, Geographer.

The Chief Statisticians will have immediate charge of the work in connection with the collection and publication of the statistics concerning the subjects assigned to them. The Geographer's most important duty is to divide the country into enumerators' districts.

THE SCOPE OF THE CENSUS.

The subjects to be covered by the Twelfth Census are not as numerous as those undertaken by the Eleventh Census. The census proper will be limited to four general subjects, namely, population, agriculture, mortality, and manufactures, being those in which the information to be obtained must be secured either wholly or for the greater part by house-to-house canvass of the enumerators. The act provides that the reports of these subjects shall be designated as and constitute the "Census Reports," and requires that such reports shall be published not later than the 1st of July, 1902. A number of subjects of investigation in the Tenth and Eleventh Censuses are omitted, but only those upon which statistics are collected and published by other branches of the Government, such as railroad transportation, information in regard to fisheries, water power, etc.

After the work on the four general subjects above referred to is completed the Director of the Census is authorized to collect statistics relating to special classes, including the insane, feeble-minded, deaf, dumb, and blind; to crime, pauperism, and benevolence, including prisoners, paupers, juvenile delinquents, and inmates of benevolent and reformatory institutions; to deaths and births in registration areas; to social statistics of cities; to public indebtedness, valuation, taxation, and expenditures; to religious bodies; to electric light and power, telephone, and telegraph business; to transportation by water, express business, and street railways; to mines, mining, and minerals. The reports relating to mines, mining, and minerals must be published on or before July 1, 1903. The reports on these subjects shall be designated as "Special Reports of the Census Office."

On all subjects of inquiry the subjects will be simplified as much as possible, and much matter which has heretofore been included, but which never reached any practical statistical results, will be dropped, and the work concentrated upon lines which will produce statistics of recognized value.

THE LOCAL SUPERVISORS.

The enumeration will be superintended by three hundred local supervisors, two of whom have been appointed for the district of Alaska and one for the Hawaiian Islands. The Census act does not contemplate a census of the Philippine Islands, Porto Rico, nor Cuba. The census which is now being taken in Cuba and Porto Rico is being done under the direction of the War Department, as the islands are being governed by the military arm of the Government. Each supervisor will have charge of a certain territory or district, consisting of a number of counties, or, in some cases, one county only, and in others a whole State.

The Geographer of the Census Office, as before suggested, has charge of the division of the supervisors' districts into enumerators' districts, and at the present writing has completed the division of the 300 supervisors' districts. The law provides that each Supervisor of Census shall be charged with the performance, within his own district, of the following duties: To consult with the Director of the Census in regard to the division of his district into sub-divisions most convenient for the purpose of enumeration; to designate to the Director suitable persons and, with the consent of the Director, to employ such persons as enumerators within his district; to communicate to enumerators the necessary instructions and directions relating to their duties; to examine and scrutinize the returns of the enumerators, and in event of discrepancies or deficiencies appearing in the returns for his district, to use all diligence in causing the same to be corrected and supplied; to forward to the Director of the Census the completed returns for his district in such time and manner as shall be prescribed by the Director, and to make up and forward to the Census Office the accounts required for ascertaining the amount of compensation due to each enumerator in his district. The compensation of the supervisors will be not less than the sum of $1,000, which sum is to be in full compensation for all services rendered and expenses incurred by them. There are only three or four supervisors in the country who will make more than $1,000.

THE ENUMERATORS.

The sub-divisions assigned to the enumerators will generally agree with the minor civil divisions of the country, such as townships, villages, election districts, wards, precincts, etc., as they are variously designated in different States; and while the supervisors prepare the original scheme for the creation of enumeration districts, the office must, in the mean time, ascertain the correct description of every one of the minor civil divisions referred to in the whole country, and be prepared to correct, if necessary, the work of the supervisors in this direction. This part of the work forms practically the basis of the whole enumeration.

The enumerator will be charged with the collection in his sub-division of the facts and statistics

required by the population schedule and such other schedules as the Director of the Census may determine shall be used by him in connection with the taking of the census. The enumerators, as is well known, make a house-to-house canvass to obtain the information desired by the Census Bureau. In the largest cities of the country the collection of statistics concerning manufacturing establishments will be withdrawn from the enumerators and placed in charge of special agents. It is desired by the Census Office that these special agents shall be men who are familiar with the particular subject or subjects assigned to them, and as far as possible have a technical knowledge of the same.

The industries of the country have been grouped into sixteen classes, such as, first, food and kindred products; second, textiles; third, iron and steel and their products; fourth, lumber and its remanufactures; fifth, leather and its finished products, etc. An expert special agent, who has a thorough knowledge of the subject, will be placed in charge of one of these groups, and he will have general supervision of the work in connection with his sub-division, under the direction of the Chief Statistician in charge of manufactures.

COMPENSATION OF THE ENUMERATORS.

The compensation of the enumerators will be ascertained and fixed by the Director of the Census, in the following manner: In sub-divisions where he shall deem such allowance sufficient, an allowance of not less than two nor more than three cents for each living inhabitant and for each death reported; not less than 15 nor more than 20 cents for each farm; and not less than 20 nor more than 30 cents for each establishment of productive industry enumerated and returned may be given in full compensation for all services. For all other sub-divisions per diem rates shall be fixed by the Director of the Census, according to the difficulty of enumeration, having reference to the nature of the region to be canvassed and the density or sparseness of settlement, or other considerations pertinent thereto; but the compensation allowed to any enumerator in any such district shall not be less than $3 nor more than $6 per day of ten hours' actual field work each. The sub-divisions to which the several rates of compensation shall apply shall be designated by the Director of the Census at least two weeks in advance of the enumeration. No claim for mileage or travelling expenses shall be allowed any enumerator in either class of sub-divisions, except in extreme cases, and then only when authority has been previously granted by the Director of the Census, and the decision of the Director as to the amount due any enumerator shall be final. The special agent will receive a compensation of $4 to $6 per day and actual necessary travelling expenses, and an allowance in lieu of subsistence not exceeding $3 per day during his necessary absence from his usual place of residence.

HOW THE CENSUS WILL BE CANVASSED.

The returns from the supervisors will commence to come in by the middle of July, 1900, and as the canvass approaches completion, will be received by the carload. As the schedules are received, they must be sorted, arranged, counted, and stored ready for tabulation by the different divisions; the delinquent enumerators and missing schedules must be hunted up and looked after; the accounts of the supervisors and enumerators closed and paid, and the odds and ends of the work finished.

The information on the enumerators' sheets will be transferred in the Census Office to cards, about three by six inches in size. This is done for the purpose of tabulating the information in the electrical counting or tabulating machines. Briefly, the plan is first to prepare a card for each person enumerated, showing all the characteristics of such person. The cards used for this purpose are about three by six inches and are printed with letters and symbols arranged so that by punching holes in the proper spaces a description is obtained of the race, sex, color, age, conjugal condition, birthplace of person, of father, mother, years in the United States, occupation, school attendance, etc. These cards, though only seven-thousandths of an inch in thickness, would form a stack, if piled one on the other, about nine miles high and will weigh about two hundred tons.

This transcript of the original returns of the enumerators to the punched cards will be done with small machines something like a typewriter, called "keyboard punches." About one thousand of these keyboard punches will be used and the entire work of transcribing the seventy-five millions or more individual records will be done in about one hundred working days, or nearly four months. These punched record cards are then counted or tabulated in the electrical tabulating machines. These machines are provided with a circuit-closing device into which the cards are rapidly fed one by one. The holes in the cards control the electric circuits through a number of counters which will as desired count the simple facts as to the number of males, of females, etc., or the most complicated combination which the statistician may ask for. After the cards for a given district are thus passed through the tabulating machines we know the number of native-born white males of voting age; we know the number of white children under five years of age born in this country with both parents native-born, or the number of such children with one or both parents foreign-born. In short, it is simply a question for the statisticians to decide the information wanted and the electrician to make the proper connection from the counters and relays to the circuit-controlling device into which the cards are fed. The methods employed for checking the proper working of the machines are ingenious and interesting. If the card is not completely punched, or if some item has been overlooked, or if it is not properly fed to the machine, or is placed upside down, or, in fact, if everything is not all right, the machine refuses to work and the card is rejected; neither will the machine work if the circuit-controlling device is operated without a card in place. It is hoped by the means suggested to count the seventy-three or four million of people and give the results to the country by the last days of the year 1900. There will be about 1,850 clerks employed in handling the cards and in using the tabulating machines, preparing the work to go to the printing office.

A CENSUS OFFICE BUILDING.

A contract has been entered into between the Director of the Census and a citizen of the District of Columbia, for the construction of a building in which the Census Office will be located. In the last census the office force was scattered among nine or ten buildings, which, of course, precluded a proper and efficient handling of the office force. It was deemed proper to obtain a building which would contain the entire force, as the law requires that the census work proper shall be finished in two years, and this necessitates the hardest and most efficient kind of work. It is expected that the building will be completed about January 1, 1900, and soon after the first of the year the headquarters of the Census Office will be moved into the new building.

The absolute necessity of having no delay with the printing and binding of the Census Report makes it requisite that the Census Bureau should have its own printing office. Provision has, therefore, been made in the new building for a printing department.

The task of counting and tabulating the census returns will require an enormous office force. It is expected that nearly 2,800 people will be employed in the Census Bureau for some time after July, 1900. The Census act provides that all persons employed in the bureau, above the grade of skilled laborers, shall be appointed subject to an examination. A series of examinations is being conducted in various cities of the country for the purpose of obtaining a competent clerical force, and it is sincerely hoped that the results obtained will be such as to justify the large expenditure which will be made in taking the enumeration and publishing the returns.

United States Executive Civil Service.

(*Revised for this issue of* THE WORLD ALMANAC *by the Secretary of the Civil Service Commission.*)

THE purpose of the Civil Service act, as declared in its title, is "to regulate and improve the Civil Service of the United States." It provides for the appointment of three Commissioners, a chief Examiner, a Secretary, and other employés, and makes it the duty of the Commissioners to aid the President as he may request in preparing suitable rules for carrying the act into effect; to make regulations to govern all examinations held under the provisions of the act, and to make investigations and report upon all matters touching the enforcement and effect of the rules and regulations. The address of the Commission is Washington, D. C.

EXTENT OF THE SERVICE.

The number of positions in the Executive Civil Service of the United States on June 30, 1896, was 178,884, of which 79,988 were classified competitive positions, and 98,896 were unclassified or excepted. By the President's order of May 29, 1899, all deputy collectors of internal revenue were excepted from competitive examination, and all office and field deputies in offices of United States marshals were excluded from classification. These and other exceptions and exclusions under the order above mentioned, together with the growth of the service, from natural causes and the exigencies of the Spanish-American war, will alter these figures somewhat; but complete data of a later date is not available.

DIVISIONS OF THE SERVICE.

The rules require that all that part of the Executive Civil Service of the United States which has been or may hereafter be classified under the Civil Service act shall be arranged in branches as follows: The Departmental Service, the Customs Service, the Postal Service, the Government Printing Service, and the Internal Revenue Service.

The Departmental Service includes all officers and employés who on the one hand are not appointed subject to the consent of the Senate, and on the other hand are above the grade of laborer, and who are serving in or on detail from the Departments, Commissions, and Offices in the District of Columbia, the Railway Mail Service, the Indian Service, the Pension Agencies, the Steamboat Inspection Service, the Marine Hospital Service, the Light-House Service, the Life-Saving Service, the Revenue Cutter Service, the Mints and Assay offices, the Sub-Treasuries, the Engineer Department at large, the Ordnance Department at large, the Land Office Service, and the force employed under Custodians of Public Buildings, and in the U. S. Penitentiary at Leavenworth, Kan. In addition to these are included all other employés (except laborers and persons whose appointments are subject to the consent of the Senate) whose duties are clerical or medical, or who serve as watchmen, messengers, draughtsmen, engineers, firemen, computers, or as superintendents of construction, superintendents of repairs, or foremen under the Supervising Architect of the Treasury, or who are in any branch of the Treasury Department not enumerated above. The Customs Service includes all officers and employés between the extremes before mentioned who are serving in any customs district. The Postal Service includes all similar offices and employés at free-delivery post-offices. The Government Printing Service and the Internal Revenue Service cover all like positions in the branches indicated by their designations.

APPLICATIONS.

Persons seeking to be examined must file an application blank. The blank for the Departmental Service at Washington, Railway Mail Service, the Indian School Service, and the Government Printing Service should be requested directly of the Civil Service Commission at Washington. The blank for the Customs, Postal, or Internal Revenue Service must be requested in writing of the Civil Service Board of Examiners at the office where service is sought. These papers should be returned to the officers from whom they emanated

Applicants for examination must be citizens of the United States, and of the proper age. No person using intoxicating liquors to excess may be appointed. No discrimination is made on account of sex, color, or political or religious opinions. The limitations of age vary with the different services, but do not apply to any person honorably discharged from the military or naval service of the United States by reason of disability resulting from wounds or sickness incurred in the line of duty.

EXAMINATIONS.

The applicants to enter the services designated are examined as to their relative capacity and fitness. For ordinary clerical places in the Departmental, Customs, and Internal Revenue Services the examination is confined to orthography, penmanship, copying, letter-writing, and simple arithmetic. Patent examiners are examined in physics and technics, mathematics, chemistry, and mechanical drawing. Meat inspectors are examined in letter-writing, veterinary anatomy and physiology, veterinary pathology, and meat inspection. One of the tests for post-office and railway mail clerks is an exercise in reading manuscript addresses. Specimen sets of questions will be furnished by the Commission upon request. Examinations are held twice a year in every State and Territory at fixed times and places. All examinations relate as nearly as possible to the duties to be performed, and, wherever practicable, include experience and practical tests. No applicant is admitted to an examination in any one of the different recognized trades, such as those in the Government Printing Office, unless he has had five years' experience in his trade, one year of which must have been as a journeyman. This information is obtained by personal questions relating to the applicant's experience at his trade and the certificates of persons who have employed him. No one is certified for appointment whose standing in any examination is less than 70 per centum of complete proficiency, except applicants whose claims for military or naval preference under Section 1,754 R. S. have been admitted. These need obtain but 65. The law also prescribes competitive examinations for promotion in the service. A certificate is given to each person examined, stating whether he passed or failed to pass. For positions in the classified service where technical qualifications are needed special examinations are held. In the Departmental Service they are held for the State Department, the Pension, Patent, and Weather Bureaus, Geological and Coast Surveys, Engineer Department at large, Ordnance Department at large, etc. For places which do not require technical qualifications the number of applicants is usually excessive, and only those who attain high grades have a good chance for appointment. There is always a good demand for male stenographers.

UNITED STATES EXECUTIVE CIVIL SERVICE—*Continued.*

EXCEPTED PLACES.

Among the places excepted from examination or subject only to non-competitive examination are the following: Two private secretaries or confidential clerks to the President and each of the heads of departments; one for each head of bureau appointed by the President and confirmed by the Senate, if authorized by law; all persons appointed solely by the President; attorneys, assistant attorneys, and special assistant attorneys. The excepted positions throughout the departments were increased in number by the President's order of May 29, 1899, but are too diverse to summarize and too numerous to mention here specifically.

APPOINTMENTS.

Upon the occurrence of a vacancy, the appointment to fill it, if not made by promotion, reduction, transfer, or reinstatement (for all of which provision is made by the Civil Service rules), must be made by selection from the eligibles of highest grade on the appropriate register. In the Executive Departments at Washington and in the Government Printing Office appointments are apportioned among the States and Territories on the basis of population. Every appointment is made for a probationary period of six months. Whenever there are no names of eligibles upon a register for any position in which a vacancy exists, and the public interest requires that it be filled before eligibles can be provided by the Commission, such vacancy may, subject to the approval of the Commission, be filled by appointment without examination and certification until an eligible can be provided by the Commission. The number of women applying for clerical places is greatly in excess of the calls of appointing officers. The positions to which the largest numbers of them are appointed are those of assistant microscopist in the branch offices of the Bureau of Animal Industry at the various stockyards throughout the country, and teachers, matrons, seamstresses, etc., in the Indian Service. A few receive appointments as stenographers and typewriters in the Departmental Service, and a few are appointed to technical and professional places.

PREFERENCE CLAIMANTS.

Persons who served in the military or naval service of the United States, and were discharged by reason of disabilities resulting from wounds or sickness incurred in the line of duty, are, under the Civil Service rules, given certain preferences. They are released from all maximum age limitations, are eligible for appointment at a grade of 65, while all others are obliged to obtain a grade of 70, and are certified to appointing officers before all others. Subject to the other conditions of the rules, a veteran of the rebellion or of the war with Spain, or the widow of any such person, or any army nurse of either war, may be reinstated without regard to the length of time he or she has been separated from the service.

PROVISIONS CONCERNING POLITICAL DISCRIMINATION, ASSESSMENTS, ETC.

The Civil Service rules provide that no person in the Executive Civil Service shall dismiss, or cause to be dismissed, or make any attempt to procure the dismissal of or in any manner change the official rank or compensation of any other person therein, because of his political or religious opinions or affiliations; that no removal shall be made from any position subject to competitive examination except for just cause and upon written charges filed with the head of the department or other appointing officer, and of which the accused shall have full notice and an opportunity to make defence; and that no person in the Executive Civil Service shall use his official authority or official influence for the purpose of interfering with an election or controlling the result thereof. Such rules also provide that any person in the Executive Civil Service who shall willfully violate any provision of the Civil Service act or rules shall be dismissed from office.

The Civil Service act contains provisions forbidding any person in the service of the United States from levying upon or collecting from persons in the Executive Civil Service contributions to be devoted to political objects, the collection of such contributions by any person in any public building of the United States, or discrimination against persons who do not make such contributions or render political service. A violation of any of the provisions concerning political assessments, or their collection in a public building of the United States, is declared to be a misdemeanor, punishable by a fine not exceeding five thousand dollars, or by imprisonment for a term not exceeding three years, or by such fine and imprisonment both in the discretion of the court. The act also declares that when rules to carry its provisions into effect shall have been promulgated, "it shall be the duty of all officers of the United States in the departments and offices to which any such rules may relate, to aid, in all proper ways, in carrying said rules, and any modifications thereof, into effect."

POLITICAL ACTIVITY OF OFFICIALS.

An executive order of July 14, 1886, which is still in force, warns office-holders that, while individual interest and activity in political affairs are by no means condemned, they must bear in mind that their time and labor are due to the Government, and that they should scrupulously avoid, in their political action as well as in the discharge of their official duty, offending, by obtrusive partisanship, their neighbors who have relations with them as public officials.

THE UNCLASSIFIED EXECUTIVE CIVIL SERVICE.

The portion of the Executive Civil Service which is not classified embraces the following: All officers nominated by the President and confirmed by the Senate, including members of the Cabinet, assistant secretaries, certain chiefs of bureaus, etc., in the Executive Departments at Washington, collectors, naval officers, surveyors, and appraisers in the Customs Service, collectors in the Internal Revenue Service, and first, second, and third class postmasters. Other unclassified positions are fourth class postmasters, the employés of the District of Columbia, the employés of the Library of Congress, clerks in post-offices not having free delivery, mere laborers and workmen, certain positions having a compensation of less than $300 a year, and the Consular Service. Examinations for positions in the service last named are non-competitive, and conducted by a board of the Department of State.

A considerable number of positions were excluded from classification by the President's order of May 29, 1899, principally in the Departments of the Interior, War, and Navy outside of Washington.

Acts of the Fifty-fifth Congress.

THIRD (SECOND REGULAR) SESSION.

THE principal bills of a public nature which became laws during the third session (the preceding session having been a special session, beginning March 15, 1897, and the first regular session beginning December 6, 1897) of the Fifty-fifth Congress were as follows:

An act providing for a National Exposition of American products and manufactures at the city of Philadelphia, for the encouragement of the export trade. December 21, 1898.

An act granting extra pay to officers and enlisted men of United States Volunteers. January 12, 1899.

An act providing for additional Circuit Judges in the Fifth and Sixth Judicial Circuits. January 25, 1899.

An act to establish a national military park to commemorate the campaign, siege, and defence of Vicksburg. February 21, 1899.

An act providing an additional Circuit Judge in the Third Judicial Circuit. February 23, 1899.

An act to provide for an appropriate national celebration of the establishment of the seat of government in the District of Columbia. February 28, 1899. The President was authorized to appoint a committee of citizens from the country at large to act with a committee appointed by Congress to prepare plans for the celebration, and $10,000 was appropriated for the purpose. [See page 153.]

An act to supplement and amend an act, entitled, "An act for the erection of a new Custom-House in the City of New York, and for other purposes," approved March 3, 1891. March 2, 1899. Authorized the Secretary of the Treasury to acquire the Bowling Green site and to prepare plans for a new Custom-House at a cost not to exceed $3,000,000. The present Custom-House property on Wall Street to be sold for not less than $3,000,000.

An act for the investigation of leprosy. March 2, 1899.

An act for increasing the efficiency of the Army of the United States, and for other purposes. March 2, 1899. [The Provisional Army act.]

An act making an appropriation to carry out the obligations of the treaty between the United States and Spain, concluded December 10, 1898. March 2, 1899.

An act to set aside a portion of certain lands in the State of Washington, now known as the Pacific Forest Reserve, as a public park, to be known as the Mount Rainier National Park. March 2, 1899.

An act creating the office of Admiral of the Navy. March 2, 1899. The President was authorized to appoint an Admiral of the Navy, who shall not be placed on the retired list except upon his own application, and when the Admiral dies the office ceases to exist.

An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States. March 3, 1899 (The Navy Personnel act.)

An act for the protection of birds, preservation of game, and for the prevention of its sale during certain closed seasons in the District of Columbia. March 3, 1899.

An act to prevent the sale of intoxicating liquors on Sunday in the District of Columbia. March 3, 1899.

An act to provide for taking the twelfth and subsequent censuses. March 3, 1899.

An act to encourage the holding of a Pan American Exposition on the Niagara frontier, within the county of Erie or Niagara, in the State of New York, in the year 1901. March 3, 1899

An act to encourage the holding of the Ohio Centennial and Northwest Territory Exposition at the city of Toledo, O. March 3, 1899. The exposition is to be held in 1902 or 1903, as the Ohio Legislature may determine, and display the resources of the United States, the Philippines, Cuba, Hawaii, and Porto Rico. The other countries of America are to be invited to exhibit. The United States Government will contribute a special exhibit.

An act to amend an act entitled, "An act to reimburse the Governors of States and Territories for expenses incurred by them in aiding the United States to raise and organize and equip the Volunteer Army of the United States in the existing war with Spain," approved July 8, 1898, and for other purposes. March 3, 1899.

The principal measures before the Fifty-fifth Congress which failed to become laws were: To establish a territorial government in Hawaii; to establish a code of laws in Alaska; to prohibit unauthorized dealing in railroad tickets by scalpers; to establish a government armor plate plant; to provide for a Pacific Ocean telegraph cable; to provide for a subsidy to promote shipbuilding, and several monetary reform bills which were reported from committees to the House of Representatives.

List of Appropriations by Congress, 1893-1900.

	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900
Deficiencies	$14,934,158	$21,226,495	$9,450,820	$8,519,981	$13,900,106	$8,594,447.64	347,165,001.82	$46,882,724.75
Legislative, Executive, and Judicial	21,901,066	21,866,303	21,343,977	21,885,818	21,519,751	21,690,766.90	21,695,846.65	23,394,051.86
Sundry Civil	26,854,625	27,550,158	25,856,432	35,096,045	29,812,113	34,344,970.47	33,997,752.70	39,381,733.86
Support of the Army	24,308,500	24,225,640	23,592,885	23,252,608	23,278,403	23,199,344.30	23,193,392.00	80,430,204.06
Naval Service	23,543,267	22,104,061	25,366,827	29,416,077	30,562,661	33,003,234.19	56,098,783.68	48,099,969.58
Indian Service	7,664,068	7,884,240	10,754,733	8,762,751	7,390,497	7,674,120.89	7,673,854.90	7,504,775.81
Rivers and Harbors	22,068,218	14,166,153	20,043,180	11,452,115	15,944,147	19,266,412.91	14,492,459.56	25,100,038.94
Forts & Fortifications	2,734,276	2,210,055	2,427,004	1,904,558	7,377,888	9,517,141.00	9,377,494.00	4,909,907.00
Military Academy	428,917	432,556	406,535	464,262	449,526	479,572.83	458,689.23	575,774.47
Post-Office Depart.	Indefinite.	Indefinite	Indefinite.	Indefinite.	Indefinite.	Indefinite	Indefinite.	Indefinite.
Pensions	146,787,350	166,531,350	151,861,570	141,381,570	141,328,580	141,273,880.00	141,233,830.00	145,233,830.00
Consular and Diplom.	1,694,319	1,557,445	1,569,787	1,574,459	1,643,559	1,695,308.76	1,752,908.76	1,714,583.76
Agricultural Depart.	3,233,061	3,323,500	3,226,915	3,303,750	3,255,532	3,182,902.06	3,509,202.00	3,726,022.00
District of Columbia	5,217,361	5,413,294	5,544,297	5,745,443	5,900,319	6,186,991.06	6,426,880.07	6,834,535.77
Miscellaneous	3,351,019	520,666	623,858	297,668	423,304	1,150,464.59	6,044,898.29	28,721,653.41
Totals	$304,710,198	$319,011,847	$301,788,820	$293,057,105	$302,736,356	$311,179,557.54	673,050,293.65	$462,509,750.27

State Legislation in 1899.

THE following summary of the more important legislation effected by State Legislatures in 1899 is compiled from the address of the Hon. Charles F. Manderson, of Nebraska, presiding officer, before the American Bar Association in August, 1899:

Alabama.—Primary elections are guarded and frauds thereat punished.

Game laws of stringent character have been enacted and song birds are protected.

A full system of quarantine is established.

When receiver of corporations is appointed, labor wages shall be preferred claims.

A dispensary law for the sale of liquor has been passed.

Detaching or uncoupling trains, pulling bell cords or emergency valves, obstructing tracks, interfering with switches or signals without authority, stealing a ride, or discharging firearms from trains, are all made misdemeanors.

A license tax on nearly all occupations has been provided for.

Cotton and other agricultural products and pig iron are exempt from taxation in the hands of the producers or purchasers for prompt shipment.

Arizona.—Age of consent has been raised from fourteen to seventeen years.

Eminent domain may be exercised by pipe-line companies.

Exemption to heads of families reduced from $1,000 to $500 personal property, and homesteads from $4,000 to $2,500.

It is made a misdemeanor to deface or show disrespect to the National flag.

Property acquired by either husband or wife during marriage is declared common property, and can only be alienated by both joining in the deed.

Compulsory education in schools is required.

Railroads commenced within one year and constructed at the rate of twenty-five miles each year are exempt from taxation for ten years, and when canals and reservoirs for distribution of water for mining, manufacturing, and agricultural purposes shall be commenced within one year they shall be exempt for fifteen years.

Arkansas.—The people in 1900 vote upon an amendment authorizing surety companies to be taken on official bonds.

Physicians and trained nurses cannot be compelled to testify as to information from a patient.

Cigarettes must not be sold or given to any person under twenty-one years of age, nor tobacco to a minor under fifteen.

Mills and factories must pay employés in currency, and for advance payments must not discount more than 10 per cent per annum.

Coal must be weighed before screening as the basis for miners' pay.

A railroad commission is established with power to fix rates and maintain control and supervision over railroads.

Physiology and hygiene must be taught in schools with special reference to the effect of alcohol upon the human system.

Marriage following seduction does not terminate prosecution, which shall be renewed if party abandons wife, who may be a witness against her husband.

An anti-trust law was passed.

California.—Constitutional amendments are to be submitted reducing the Supreme Court from seven to five Judges, providing three Courts of Appeal and defining the jurisdiction of said courts; giving the Legislature power to control primary elections; exempting Stanford University and Lick School, church property, and State, county, and district bonds from taxation.

Much legislation was had in regard to the charters of municipalities. Prominent among them are the following, regarding San Francisco: The legislative power is lodged in eighteen supervisors elected at large. The Mayor presides and has the power of veto, but such veto may be overridden by fourteen votes. If 15 per cent of the voters petition for a particular ordinance to be voted upon, it must be submitted, and if a majority of votes favor it it becomes a law at once. Every ordinance granting a franchise or for lease or sale of any public utility must be submitted to a vote. The city charter is amendable by vote of the people. No street railroad franchises shall be granted for more than twenty five years and must be advertised and bid for. No bid shall be received for less than 3 per cent of the gross receipts for the first five years. The city retains the right to regulate fares. It is declared to be the purpose of the city to acquire and ultimately own all its public utilities and the charter points out the steps to be taken to acquire such ownership.

It is unlawful to publish, without consent of party, the portrait of any living person except those holding office or convicted of crime.

A fine is imposed for publishing an article blackening the memory of the dead, or impeaching the honesty, integrity, virtue, or reputation of the living, or calling attention to their natural or alleged defects, unless the name of the author is attached to the matter printed.

Colorado.—Constitutional amendment will be voted upon in 1900, changing the method of adopting amendments to the Constitution.

For irrigating and domestic purposes a large amount has been appropriated to sink artesian wells.

The State is to build a State bicycle path between points named in the act.

Bicycles and sewing machines are made exempt from seizure for debt.

A State Game and Fish Commission is to be appointed with extraordinary powers.

Three-fourths of the jury may render verdicts in all civil causes.

A State Board of Library Commissioners is created. Cities may levy a tax for public libraries.

Compulsory education is required.

Connecticut.—Constitutional amendments were proposed providing that a plurality of votes shall elect State officers and fixing the minimun and maximum number of State Senators.

Divorces petitioned for to the General Assembly must receive attention from the Attorney-General. In divorce roceedings the court may direct notice to non-resident defendants.

Adulteration of food is punished. No bakery shall be in a cellar and all shall be inspected.

No child under fourteen years of age shall be employed during school hours. No employé shall be coerced not to join a labor organization. The Inspector of Factories is to examine all factories and workshops and see that they are well ventilated, that the machinery is well guarded and sanitary condition perfect.

A Highway Commission is created to supervise and control all State roads. Wide tires shall be used on heavy vehicles.

Compulsory attendance is required in schools.

Delaware.—A State Board of Agriculture and Horticulture is created. Orchards and nursery stock are to be inspected, and penalties inflicted for selling stock subject to insects, pests, or disease.

An elaborate law has been enacted authorizing in very liberal fashion the incorporation of any organization or combination except for banking purposes.

The State Board of Health is authorized to establish a Pathological and Bacteriological Laboratory to prevent the spread of infectious diseases. Candy shall not be adulterated. The State Medical Council may revoke physicians' licenses for persistent inebriety, conviction of crime, practising criminal abortion, or publicly advertising special ability to treat or cure chronic incurable diseases.

Florida.—A State Bureau of Vital Statistics is created. The State Board of Health is continued, and is to examine all lodging-houses containing ten rooms or more and regulate their sanitary condition.

A fire insurance "valued policy" law has been passed.

A State Board of Eclectic Medical Examiners is to be appointed by the Governor to examine graduates of the eclectic schools only.

The Railroad Commission is given enlarged powers and can fix rates. Common carriers must give ticket-agent certificate of authority to sell tickets, and all other persons are forbidden to sell the same. Firing guns from trains is forbidden, and it is made a misdemeanor to "beat one's way" on a railroad.

Georgia.—A most interesting piece of legislation, action under which will be watched with much interest, is that creating a Commission of the Governor, State Treasurer, and Comptroller-General, which is to create and issue State bank notes, to be furnished to State banks to the extent of not exceeding 75 per cent of their paid-up capital. These notes are to be a first lien upon the bank's assets, and stockholders are liable for their redemption to an amount equal to the capital stock owned. A reserve fund of 25 per cent of its outstanding notes shall be kept on hand in legal tender notes or specie. If the United States Government shall attempt to collect the tax of 10 per cent upon State bank notes, provided by the Federal law, the Attorney-General is required to test the constitutionality of the Federal statute.

Idaho.—Constitutional amendment is to be voted upon authorizing the investment of the permanent school fund in real estate mortgages, as well as in Government, State, and municipal bonds.

A State Engineer is to be appointed to inspect dams and dykes, and a Game Warden with stringent protective provisions.

A State Board of Examiners is created to examine and license physicians and surgeons; also a State Board of Examiners for dentists.

A State Board of Horticultural Inspection is ordered, with power of inspection of all fruit orchards and nurseries, the destruction of stock diseased, and the establishment of quarantine regulations.

A Bureau of Immigration, Labor, and Statistics is established.

In civil actions verdicts may be rendered by three-fourths, and in misdemeanor by five-sixths of a jury of twelve.

Eight hours made a day's labor on public works. Employés are prohibited from making any agreement with employers not to become or continue a member of a labor organization, under penalty of fine or imprisonment. A State Board of Arbitration is created.

A State Inspector of Mines and a State Sheep Inspector are to be appointed, with much power vested in them. Police officers shall not be brought into the State and specially deputized.

Illinois.—A Board of Inspectors of five, one from each of the following organizations: The Horticultural Society, the Dairyman's Association, the Retail Dealers' Association, the Butter and Egg Board, and League of Commission Merchants, is created, with power to inspect and license commission merchants. The office of State Entomologist is created, with power of inspection of orchards and nurseries.

A "Juvenile Court" is established, distinct from all other courts, in counties of over 500,000 inhabitants, for the trial, care, and disposition of all dependent, neglected, and delinquent children.

Pawners' societies are authorized, their rate of compensation for advances fixed, and the storage of pawns and pledges and the sale thereof regulated.

The Board of Pardons is granted greater powers, among which is the right to parole criminals confined in the State penitentiary.

The public exhibition for pecuniary gain of persons who have been conspicuous through some criminal act, which has a tendency to degrade human morals, or such exhibition of their pictures, or articles belonging to them, or the exhibition of persons whose deformity would attract public curiosity, is prohibited.

A State Food Commissioner is created, with power to inspect all food and see to the punishment of those who adulterate the same.

Deception, misrepresentation, false advertising, false pretences, and unlawful force in the procuring of employés to work are prohibited, and failure to state the existence of a strike, lockout, or other labor trouble shall be deemed false advertisement and misrepresentation, punishable by fine and imprisonment. It is declared a felony, with imprisonment in the penitentiary for from one to five years, to hire persons to guard with arms or deadly weapons other persons or property, and any person coming into the State with deadly weapons to so guard other persons or property, without a written permit from the Governor, shall be similarly punished.

Free employment offices are established, one in each city of over 50,000 people, and three in cities of over 1,000,000. These offices and the officials are to be sustained by the State.

The State Board of Health is to examine and license all physicians and surgeons. A State Board of Veterinary Examiners is created, and no veterinarian is to practise without a license. The State Board of Health is to supervise all lodging-houses, and the amount of air space therein in every sleeping-room to each person is fixed by law.

A State Mining Board of five members is created to have supervision of mines.

In addition to the five members of the board, the Governor is to appoint seven Inspectors of Mines. All these officials are paid by the State and have important powers. Very minute legislation is had as to the character of construction and the machinery of all mines, and safety appliances.

"Parental or Truant Schools" are established in cities, in which children guilty of habitual truancy or of habitual violation of public school rules shall be confined and taught.

What was known as the "Allen Bill" was repealed by the last Legislature. The bill repealed was passed two years ago, and permitted the extension of street railway franchises by municipalities from twenty to fifty years. The law just enacted restricts the old condition, and no franchise can be granted for a longer period than twenty years.

Indiana.—The importation of indigent children is forbidden, under heavy penalties, except as permitted by the State Board of Charties, which is granted great power.

A voter selling or offering to sell his vote at any general, special, or primary election, or convention, for money or property or thing of value, or for the promise of favor or hope of reward, or shall accept money, property, or thing of value with the promise or pretence of voting or refraining from voting for any candidate, shall be disfranchised for not less than ten nor more than twenty years.

A "mob" is declared to be any collection of individuals assembled for any unlawful purpose, intending to injure any person by violence and without authority of law, and the act of violence committed is declared to be "lynching." When such violence results in death, those participating, or aiding and abetting, shall suffer death or imprisonment for life, and those present, but not participating, shall be imprisoned not less than two nor more than twenty-one years. The law provides for impeachment of officers from whose custody prisoners are taken by mobs, and where bystanders, being called upon, refuse to assist the officer in defending the prisoner, they are subject to fine and imprisonment.

A Public Library Commission is created, to which is given an appropriation for the purchase of "travelling libraries," which are to be carried about the State and loaned to local libraries, clubs, granges, colleges, societies, study circles, and other associations.

A Labor Commission is organized, composed of two members, one who shall have been for not less than ten years an employé for wages and who shall be affiliated with the labor interest; the other who shall have been for not less than ten years an employer of labor, both to be forty years of age and over, not members of the same political party, and neither to hold any other office. Such Commission, upon receipt of information of a strike, boycott, or other labor complication, shall put themselves in communication with the parties to the controversy, with a view to induce the parties to arbitrate. The arbitration board shall consist of the two Labor Commissioners, the Circuit Judge, and one to be selected by each of the contending parties, and the courts are charged with the duty of enforcing the award.

A "Department of Inspection" is created to carry out the provisions of a drastic and far-reaching law that provides with much detail and among other results the following: No person under fourteen shall be employed in any manufacturing or mercantile establishment, and no person under sixteen and no female under eighteen years of age shall work in such establishment more than sixty hours each week, and no person under sixteen shall be thus employed who cannot read and write the English language. Female labor in manufacturing shall not be employed between 10 o'clock P. M. and 6 o'clock A. M. No young person is permitted to operate any elevator.

Wages must be paid weekly to all who labor or are "in any other service for hire," and where parties employing neglect so to do suit is to be brought and 50 per cent of the amount of the judgment shall be added as a penalty to be paid to the school fund. Unskilled labor on public work shall not receive less than fifteen cents an hour.

The principle of referendum in application to municipal ownership appears in an act providing that no ordinance for the purchase of or establishment of any water works or lighting plant or the granting of any franchise for the establishment or operation of any water works or lighting plant, street railroad, telephone, or telegraph company in any incorporated town shall go into effect until thirty days after its passage and until voted upon at the polls, if within thirty days a referendum is demanded by 40 per cent of the legal voters of such incorporated town.

Kansas.—Constitutional amendment increasing the Supreme Court Judges will be voted upon in 1900.

Dealing in futures and "bucket shop" transactions are prohibited under heavy penalties.

The Board of Police Commissioners, created originally to enforce the prohibitory liquor law, has been abolished. This will practically bring about local option or home rule in liquor matters.

A Court of Visitation is created to take the place of the Board of Railroad Commissioners, which is abolished. The three judges are elective in 1900, and meantime are appointed. The court is invested with more power than has ever been conferred by law upon any human tribunal. It is to be in perpetual session, and is given greater power over railroads, express, and telegraph companies than can be exercised by their own board of directors or general officers. The court has legislative, executive, and judicial powers within itself. It fixes rates, and determines their reasonableness. It apportions charges among common carriers, classifies freight, compels train service, orders the building of depots, regulates crossings, prescribes rules for running of trains, and in short all railroads are operated under its direction and guidance. When its orders are disobeyed it tries the culprit, making its own rules of procedure. Any person may complain, and at the cost of the State, and with the aid of numerous officials, created for the purpose, the so-called trial is had. It shall investigate strikes, and if it finds the railroad company at fault it shall rectify matters by orders, and if the company does not obey the order the court shall seize and operate the road. If the strikers are at fault it shall order them to cease the strike. In questions of rates or service raised by any complainant, the company is presumptively wrong in the first instance. It is presumed to be guilty until it proves its innocence.

A "Charter Board," composed of the Attorney-General, Secretary of State, and State Bank Commissioners, is created. It grants all charters, regulates foreign insurance companies doing business in the State, inquiring as to their solvency.

The political disabilities of those who bore arms against the United States are removed.

A novel law provides for an annual convention of labor organizations. The delegates shall elect a President, Vice-President, Secretary, and Assistant Secretary, who shall constitute the State Board of Labor and Industry. The Secretary shall be the Commissioner of Labor and Industry and Factory Inspector, and the Assistant Secretary shall be his assistant. Miners are to hold a similar convention, and the Secretary elected by such convention shall be the State Inspector of Mines. This election of salaried State officials by a part of the citizens acting in irresponsible conventions is certainly a new departure.

Wages must be paid in money. Travelling libraries are provided for. The office of Oil Inspector is created.

Maine.—It is a misdemeanor to advertise for sale debts, dues, accounts, or demands owing by any person, unless the party advertising is an executor, trustee, sheriff, or other official.

Intoxication from the use of intoxicating liquors, opium, or other drugs is made cause for divorce.

Interest on personal loans with pledge of personal property is limited to the rate of 3 per cent monthly for three months, and 15 per cent per annum thereafter on sums of $200 or less.

Library Commissioners are to be appointed by the Governor to encourage free public libraries.

Ticket "scalping" is made a misdemeanor, and none but agents of railroads are allowed to sell personal or limited tickets, and same when unused must be redeemed by the company.

Shareholders in trust and banking companies are responsible to the creditors of their companies to an additional amount equal to the par value of their shares, and an assessment may be ordered by the court upon complaint of a bank examiner.

Massachusetts.—Bicycle paths are protected.

A Board of Cattle Commissioners is created, with power to suppress contagious diseases, establish hospitals, and quarantine and kill cattle incurably diseased, without compensation to the owner.

The Bertillon method of identifying criminals is adopted.

Process butter must be stamped "Renovated Butter."

Collectors of debts dressed in a way to attract public attention are prohibited.

An elaborate law has been enacted relative to the descent and distribution of real and personal property.

Each town must elect a tree warden to care for public shade trees.

Weekly payment of wages to laborers is required.

Street railways are authorized to act as common carriers for packages and small parcels.

No bank shall do business as a trust company.

Michigan.—Brokers and commission men dealing in farm products must give bond. Adulteration of linseed oil and ground feed is forbidden. Bicycle paths are protected.

The city of Detroit was authorized to construct, acquire, maintain, and operate street railways.

Process butter and oleomargarine must be labelled.

A State Forestry Commission is established.

A State Board of Registration in Medicine is created, to examine and license all physicians and surgeons. A State Veterinary Board is ordered to examine all veterinarians. A State Board of Examiners of Barbers is created to examine and license barbers.

Women physicians shall be employed where women are restrained.

Horse-shoers are to be examined and licensed by a Board of Examiners appointed by the Governor of the State.

Interest is reduced to 5 per cent and by contract may be 7.

No child under fourteen shall be employed in any manufacturing establishment, and no child under sixteen shall work who cannot read and write, nor between 6 P. M. and 7 A. M.

A State Free Library Board is created.

A "mob" is defined to be any collection of persons pretending to exercise correctional power over other persons by violence and without authority of law, and the act exercised is called "lynching." The person injured and the legal representatives of those killed may recover from the county to the extent of $5,000, the county having recovery over against the parties guilty of lynching.

County Judges may secretly grant license to and secretly perform the marriage ceremony for females about to give birth to a bastard child, whether the female is of marriageable age or not. Marriage is forbidden to persons having syphilis or other private diseases under penalty of five years' imprisonment, and husband, wife, and physician may be witnesses.

A tax of 3 per cent on the gross earnings within the State of express, and 2½ on telephone companies is imposed. A 5 per cent tax is levied upon all bequests of over $500 to those who are not heirs and certain relatives and regularly adopted children.

An Anti-Trust law was passed.

Minnesota.—The Governor is to set apart a day for tree planting and to inculcate a sentiment for protection of birds.

The raising of sugar beets is encouraged, and sugar beet seed is to be distributed.

Bicycle paths are protected, and those throwing on any highway that which will injure bicycles or puncture tires are guilty of a misdemeanor.

Husband and wife are not liable for the debts of each other.

A State Dairy and Food Commissioner is to be appointed, with important duties devolving upon him. Milkmen in cities and towns must be licensed. Dairies are regulated. It is a misdemeanor to sell "renovated or boiled butter" without stamping it. The use of chemicals to preserve butter, milk, or cheese is prohibited.

A law governing, with much detail, primary elections for the nomination of candidates and another permitting the use of automatic voting machines have been enacted.

The preservation and growth of forests is encouraged and a State Board of Forestry is created.

A State Board of nine citizens is created to constitute tribunals of appeal from complaints of grain inspection. Their decision as to grade of grain is final.

Horses shall not be "docked," and docking their tails is made a misdemeanor.

Interest is reduced from 7 to 6 per cent.

"Travelling Libraries" are provided for, and a State Library Commission is created.

A Naval Reserve is established, composed of eight companies.

Fences over six feet high, maliciously erected for annoyance of neighbors, are declared a private nuisance, and may be abated.

Railroad Commissioners, heretofore appointed by the Governor, are hereafter to be elected. All narrow-gauge railroads are to be made of standard gauge. Rates on grain, flax, lumber, live stock, and coal in force for sixty days shall not be raised, except by authority of railroad commission. Free transportation shall be given to shippers of live stock. A caboose with a toilet room shall be attached to all live stock and emigrant trains.

Compulsory attendance at schools is enforced, and a truant officer is to be appointed.

Missouri.—Constitutional amendments are submitted providing for authorizing a jury to return a verdict upon two-thirds of their number concurring therein, and authorizing counties to levy a special tax of 15 cents on each $100 of valuation for road and bridge purposes.

A State Poultry Association is created, with the Governor a member of the Executive Board.

A State Board to examine and license barbers is created.

A law striking at department stores becomes operative. Business in cities of over 50,000 inhabitants is divided into classes, seventy-three in number. These classes are divided into groups or grades, and it is made unlawful to expose or offer for sale in the same establishment, under a unit of management, goods, wares, and merchandise at retail of more than one of the classes or groups without having obtained a license. The Governor appoints in each city a License Commissioner, who shall receive applications and issue licenses. The license shall not be less than $300 nor more than $500 for every class or group, two-thirds of the license tax to be paid to the city and one-third to the State. Heavy penalties of fine or imprisonment are imposed upon those doing business in violation of the act, which is declared to be for the purpose of regulating department stores.

The Governor is to appoint Election Commissioners to supervise elections in cities of over 100,000 inhabitants. Candidates for Judge shall not be nominated at a convention where candidates for other offices are nominated.

The office of beer inspector is created. He is appointed by the Governor and is to inspect all beer and malt liquor and place his stamp upon that which is good. As a counteracting influence the law providing for the inspection of watermelons has been repealed and the office in each county of watermelon inspector has been abolished.

A manager, inspector, and board of trustees of a fruit experiment station are to be appointed by the Governor.

When goods are made under unclean or unhealthy conditions they shall be labelled by the Labor Commissioner "Tenement made" or "Made under unhealthy conditions" in letters two inches long and it is made unlawful to remove such tag.

No one shall work in a bakery room more than six days in one week, nor if afflicted with consumption, scrofula, or skin disease, and no one shall sleep in such room.

Eight hours is made a day's work in all mines except coal mines. Coal mined must be weighed before being screened and no contract to the contrary shall bind the parties thereto. Miners shall be paid at least once in every fifteen days and shall be given one hour above ground for each meal. The Governor shall appoint two mine inspectors, who are given much power in regard to mines.

All inheritances, except to direct heirs or persons dependent upon the testator, shall be taxed 5 per cent. The Anti-Trust law was strengthened.

Montana.—The office of court reporter is abolished in the Supreme Court and the Judges thereof are required to report their own decisions, being paid extra compensation therefor.

A State Board of Horticulture is created, with extraordinary powers for the inspection of trees and nursery stock, with power to condemn and destroy that which is infected or diseased beyond cure.

Stealing a ride upon a railroad is made a misdemeanor.

Nebraska.—The planket system in elections has been amended so that a vote may be cast for all Presidential Electors and individually for all other candidates. Primary elections are controlled. Voting machines may be used. Under heavy penalties, candidates for nomination and election are forbidden to expend money for any purpose except personal expenses, which are limited to $100 where there are 5,000 voters, for each additional 100 voters to 25,000 $1.50, and not over 50,000 voters $1 for each 100. After both nomination and election each candidate must file a verified statement of his expenditures fully itemized. Treasurers of parties must also file such statement.

A Food Commissioner is to be appointed by indirection, thus evading a constitutional inhibition. The Governor is to be the Commissioner, with power to appoint a deputy to perform the duties. He is to inspect and control the manufacture and sale of butter, cheese, and vinegar. Imitation of said foods must be marked and venders licensed.

A State Board of Examiners of Embalmers is to be appointed to examine and license embalmers. Also a State Board to examine and license barbers.

An elaborate law has been passed regulating the formation, licensing, and operation of all insurance companies. The Governor is made Insurance Commissioner, with power to appoint a deputy to perform the labor.

No female shall be employed in any manufacturing or mercantile establishment, hotel, or restaurant more than sixty hours per week, and ten hours shall be for them a day's labor. Seats shall be provided for them. No child under ten years of age shall be employed, and none under fourteen during school terms.

Railroads must not work trainmen or telegraph operators over eighteen hours consecutively.

Nevada.—Inspection of causes and remedies for diseases of live stock is provided for by a State Live Stock Inspector.

A State Board of Medical Examiners is created to examine and license physicians and surgeons.

Counties may, on petition of two-thirds of the voters, purchase or construct telephone lines.

United States Senators may be nominated and voted for.

New Hampshire.—At the November election, 1900, the question of holding a constitutional convention will be submitted.

Attorneys are not to be held liable for fees of court officers.

Deposit books of banks shall be verified at least once in four years.

Plumbers shall be examined and licensed. Street cars shall inclose their platforms to protect employés. Embalmers shall be examined and licensed by the State Board of Health.

The Governor is to appoint a State liquor agent from whom all liquors shall be bought by the liquor agents appointed by city and town authorities. The act prescribes the manner of sale of all liquors in the State.

New Jersey.—A State Board of Children's Guardians is created, with large powers over friendless and poor children who become public charges.

Civil service seems to be applied to policemen in that they cannot be removed except for cause.

A State Sewage Commission is created, with power to prevent the pollution of streams, create sewage districts, and authorize the construction of sewers by condemnation proceedings and assessments upon municipalities. Horses are recognized as proper human food after inspection, and when slaughtered and offered for sale the meat shall be labelled "horse flesh."

Laborers not engaged in agricultural pursuits or water-men shall be paid their wages every two weeks, and agreements to the contrary are void.

New Mexico.—Banks shall annually publish names and amount of deposit whenever account has not been drawn upon for three years.

Cattle shall be inspected before shipment and a record shall be kept of cattle slaughtered, with description and names and addresses of venders.

Legislation is had to prevent pollution of springs, wells, and streams. Where corporations collect money from employés for medical attendance they shall erect and maintain pest-houses.

Juries are selected by three persons appointed by the district court, and the party demanding a jury shall pay $24 a day in advance as jurors' fees, to be taxed as costs.

A Territorial Commerce Commission is created, with most extraordinary powers. Corporations producing, refining, and selling coal oil, or any product of petroleum, must be licensed and pay $500 yearly to the State. Those who do not produce but sell only, pay a small license as wholesale or retail dealers. The Commission has the power to fix the minimum and maximum price at which oil shall be sold, and heavy penalties, with revocation of license, are imposed for selling under or over the prices fixed.

New York.—Concentrated feed stuffs shall be sold in packages showing quantity and quality. Sizes of barrels and packages containing fruit are regulated.

Fraudulent and illegal use of secret society badges is made a misdemeanor.

Bicycle paths are protected. It is a misdemeanor to test endurance in bicycle riding or racing in a contest by riding more than twelve out of twenty-four hours.

Cities of 250,000 inhabitants or more may establish hospitals for treatment of pulmonary diseases. The Board of Examiners shall be continued to examine and license horse-shoers.

The rules of the civil service are greatly extended. The State and city officials, except those elected and those appointed by the Governor and Legislature, or appointed under statutes by name, also all heads of departments, election officers, and superintendents, principals, and teachers in public schools, are brought under the civil service, with a system of competitive examination for all except laborers.

Corporations for supplying light, heat, or power through electricity may have the use of streets. The personal liability of officers and directors is guarded.

"Renovated Butter" shall be labelled.

Voting machines are to be tested and selected. The Governor is given enlarged powers for the protection of the elective franchise and the punishment of crimes against the election laws.

An eight-hour law was passed, the main feature of which is the prohibition of the use of materials in public contract work, if like wages were not paid where the material was prepared as were paid

where it was used. No child under eighteen years of age and no female shall be employed in any factory using any emery or polishing wheel.

The high license law has been strengthened.

Slot machines are prohibited, with prosecution of owner and destruction of machine.

A franchise tax bill has become a law. Hitherto the tangible real and personal property only of corporations was taxable. Hereafter franchises will be assessed for taxation.

Trusts and pools to control rates of transportation between this country and Europe are forbidden. Contracts and combinations to monopolize commodities in common use, to restrict competition in the sale or price thereof or prevent the pursuit of any business or trade are declared illegal and void and are punishable by fine and imprisonment.

North Carolina.—Constitutional amendment is to be voted upon fixing the suffrage for males; requiring a residence of naturalized or native-born citizens of two years in the State; the payment of poll-tax for the previous year, and ability to read and write any section of the Constitution in the English language. The educational qualification shall not apply to those who were entitled to vote January 1, 1867, and to their lineal descendants.

Corporations, foreign, may be domesticated by filing charter with Secretary of State and paying legal fees. The Railway Commission is abolished, and in its stead a Corporation Commission is to be elected, with large powers as to fixing rates of charges in railroad, transportation, express, telephone, and telegraph lines. It is also to regulate banks, trust and insurance companies, and is to assess the property of transportation companies.

An elaborate election law has been passed creating a State Board of Elections, which appoints the county boards. All voters must be registered after payment of poll-tax.

The office of Commissioner of Insurance is created, with great power and stringent provisions.

Labor Day is made a legal holiday. The office of Commissioner of Labor and Printing is created.

Local option for sale of liquors is provided for, and the dispensary system is adopted as to certain counties. A rebate of one-half the road tax is allowed to those who use broad-tire wagons.

A general tax law was passed. About all occupations pay a license tax. Telegraph, telephone, and express companies pay 2 per cent on gross receipts from State business. Corporations are taxed according to capital stock. All incomes derived from property not already taxed, and of over $1 000 derived from salaries or fees, shall be taxed.

Formation of trusts is prohibited and heavy penalties, with forfeiture of charter, inflicted. Contracts in relation thereto declared void.

North Dakota.—Corporations for religious or charitable purposes shall not acquire more than $100,000 in value of real estate.

Dairy products are placed under control of the Commissioner of Agriculture; licenses are required to be taken by dairymen, and renovated butter, oleomargarine, and filled cheese must be labeled.

Game and fish are protected, the office of State Game Warden created, and license to hunt must be had, with fee of $25 to non-residents and 75 cents to residents.

Ten years' adverse open and undisputed possession makes title to real estate.

Free text books are provided for schools and physical training must be taught.

Oklahoma.—A Bank Commissioner is to be appointed, and a law was passed regulating the organization and business of banking and duties and liabilities of officers and stockholders.

The Australian Ballot law with the "blanket" provision for voting was passed.

A Department of Geology and Natural History is established with the duties signified by the title.

School districts are required to levy a tax for public libraries. The law is compulsory.

Notes and mortgages given by members of building and loan associations are exempt from taxation.

A Chief Grain Inspector is to be appointed, with supervision of all warehouses, elevators, and granaries. License and bond are required and a complete system of grain inspection is provided

Oregon.—The people will vote upon constitutional amendments providing for the initiative and referendum system of enacting laws and for universal suffrage.

A Board of Examiners of Barbers is appointed and barbers must be examined, licensed, and registered. A State Biologist is to be appointed.

Police duty shall not be performed by imported armed men, nor shall such bodies be brought into the State or maintained, except by the municipality. Crimes may be prosecuted by information, and Grand Juries may be dispensed with.

A State Board of Dental Examiners is appointed and dentists must be examined and licensed.

A Game and Forestry Warden is to be appointed, with large executive powers.

A pure food bill was passed and the people are to elect a Dairy and Food Commissioner to analyze food, issue stamps for food sold that is adulterated, and prosecute offenders.

Interest has been reduced from 8 to 6 per cent.

The Railroad Commissioner law has been repealed and there is no such law in Oregon.

Convicts are to work on public highways. Wide-tire vehicles secure to owner a rebate on road tax.

A Board of Text Commissioners is created for uniformity of text books. The entire school system has been remodelled.

The State Board of Equalization of Taxation is abolished.

Pennsylvania.—A Board of Accountant Examiners is created to examine and license all who desire to act as public expert accountants, and none but those holding the certificate of the board shall act as such.

The construction of bicycle paths is authorized, and wilful injury thereto is made a misdemeanor.

In cities of first-class a Bureau of Building Inspection is required, attached to the Department of Public Safety, under the control of the Director of Public Safety. The law at great length and with minutest detail regulates the construction of buildings.

The sale of what is commonly called "boiled" or "process" butter is prohibited, unless the same is marked "Renovated Butter." The sale of oleomargarine and butterine is regulated.

The public health is proposed to be guarded by prohibiting the sale of goods in second-hand bottles and jars. The establishment or maintenance of additional hospitals, pest-houses, and burying grounds, in the built-up portion of cities, is prohibited.

A State Board of Free Library Commissioners is created to advise free library associations, and to establish "Travelling Libraries." The minimum school term shall be seven months.

Wife may be a witness adverse to her husband where he in any action sets up an attack upon her character. This is to be the rule in criminal cases, and in civil actions where the husband is sued for necessaries furnished the wife.

Rhode Island.—A State Commission is to be appointed by the Governor to protect birds, and prosecute those molesting them.

Kidnapping children is made a felony. Probation offices are provided to take charge of juvenile offenders, who shall be kept separate from adults.

Primary elections and caucuses are regulated. Every political party shall elect a State committee.

South Carolina.—A license is required for trading in sea island cotton in the seed. It is a misdemeanor for a cotton buyer to refuse to receive bales of cotton after purchasing by sample, where the bale weighs over three hundred pounds, because of lightness. Maximum charges have been prescribed for handling and selling tobacco by warehousemen. Fertilizers are to be inspected by the trustees of the Clemson Agricultural College. The State Board of Health shall enforce quarantine laws as to live stock.

The charters of cities and towns may be amended by vote of the electors. Cities of 45,000 inhabitants shall not create debt or liability beyond the income of the current year without a vote of two-thirds of the Council and then two-thirds of the qualified voters.

State Board of Health may enforce vaccination, and those interfering or resisting shall be punished by fine or imprisonment, "which shall not stand in lieu of vaccination."

Fire companies that combine to make rates of insurance shall have licenses revoked.

Seats shall be furnished for female employés. Wages of discharged employés shall become due immediately.

The law giving the Governor power to appoint police officers to enforce the Dispensary Liquor law has been repealed. The use of the impression of the palmetto tree on bottles is prohibited.

South Dakota.—At the election of 1898 the people voted that the manufacture and sale of liquor should be under exclusive State control and conducted by salaried agents of the State. At the general election of 1900 the question of the repeal of this article will be voted on.

Cattle shall not be loaded upon cars, or shipped, or driven from the State, except by the owner or on his written consent.

Registration of all voters must be had this year. An elaborate law has been enacted regulating manufacture and sale of food and providing against the adulteration therof.

The initiative and referendum is to be applied both as to State and municipalities under laws passed in compliance with the constitutional amendment adopted by the people in 1898.

Mine owners before employing laborers must post on their property a true copy of all mortgages and incumbrances. To divulge telegraph and telephone messages without written consent of sender is made a misdemeanor.

Tennessee.—Battlefields are protected, and those removing or injuring any monument, marker, fence, or other structure upon or adjacent thereto are punishable by fine.

Cemeteries are not to be located within ten miles of city upon any stream or water-shed supplying same with water.

In certain populous counties primary elections are to be held under the general election law.

Wages of all employés to the extent of $30 are exempt.

Grave robbery is made a felony, punishable with imprisonment not less than two years. Bodies of those dying in penal or charity institutions, when unclaimed by friends or relatives, shall be turned over to regularly incorporated medical and dental colleges.

Saturday afternoons and the second Friday in May, known as Confederate Decoration Day, are made public holidays.

All coupons, scrip, punchouts, and store orders issued to employés must be redeemed in money for their face value, if presented within thirty days of issue. Contractors on public works must give bonds to pay for all material and labor. Counties must work county prisoners on public roads. A State Shop and Factory Inspector is to be appointed by the Governor, with large powers.

Written consent of parent or guardian to marriage is required for persons under sixteen years of age. All statutes on maintenance and champerty are repealed.

Monopoly in news is prevented by requiring agencies to sell news to all newspapers and publishers at the same price.

Retiring partners are exempt from further liability after four weeks' published notice.

Single railroads shall not monopolize narrow mountain passes.

An elaborate revenue law was passed, with specific occupation and business taxes on nearly every form of business.

Uniform text books are required in public schools, to be selected by a State Commission.

Texas.—Acting under the provision of the Constitution of the United States, providing that on the application of two-thirds of the States a convention shall be called for proposing amendments to the Constitution, the Legislature of Texas requests Congress to call such convention.

A State Entomologist is to be appointed to take means to destroy insects injuring cotton. Commercial fertilizers are to be analyzed. Public weighers to the number of five in each city are to be appointed by the Governor in all cities which receive annually 100,000 bales of cotton for sale or shipment. All other cities and counties are to elect public weighers. They are to weigh all cotton, wool, grain, and sugar sold or offered for sale, and mark the weight on the packages containing the same.

Quantity and quality of wheat and corn and products thereof must be marked on the package.

In each city, town, and village a "Corporation Court" is established, with limited civil and criminal jurisdiction.

Trades unions are established and members are authorized, and it is made legal for them to induce by peaceable means other persons to accept or quit employments or pursuits, but they shall not invade the premises of another without his consent.

A railroad law was passed inflicting severe penalty, imprisonment in the penitentiary for not less than two nor more than five years, for any person giving rebates or drawbacks, charging one shipper more than another, giving unreasonable preference, or unjust discrimination. Companies must furnish cars on demand and deposit of one-fourth freight charges, under heavy penalties. General officers must reside in and keep their offices in the State of Texas. The Railroad Commission is given power to fix emergency rates to prevent interstate rate wars.

A Tax Commission is appointed to devise ways and means for securing a more efficient method of taxation. A Revenue Agent is to be appointed by the Governor to enforce the revenue laws and investigate and check up all receiving and disbursing officials.

A strong Anti-Trust law has been enacted, with heavy penalties, including fine, forfeiture of charter, and inability to collect for any article sold or contract made. It prohibits trusts, pools, monopolies, or interference with competition in articles of commerce, insurance premiums, or the gathering or distribution of news. Whitecapping is defined to be the posting or sending of any anonymous notice or threats to do personal violence with intent to interfere with the right of any person to occupy any premises, precinct, or county, or to follow any occupation.

Utah.—A State Institute of Art is established, with a State Board to govern and control.

The State Board of Pardons may parole convicts who have served the minimum term fixed by law, except those convicted of murder.

Primary elections are regulated and illegal voting thereat punished.

A State Fish and Game Commissioner is appointed, with large powers, and each county must appoint a County Game and Fish Warden. A State experimental fruit farm is established.

Title by adverse possession cannot be acquired against municipalities.

Vermont.—Age of consent changed from fourteen to sixteen years.

A State Bacteriological Laboratory is established A Board of Prison Commissioners is established to investigate applications for pardons and report to the Governor.

The Governor shall appoint a State Highway Commissioner, with large powers as to highways.

The Governor is to appoint a Board of Normal School Commissioners to take charge of Normal and Training Schools.

No Probate Court shall accept a foreign surety company on any bond unless it has deposited with the Insurance Commissioners securities worth $100,000.

Street cars must be equipped with fenders and guards.

Washington.—Constitutional amendment to allow $300 exempt from taxation to heads of families. A bounty is given to sugar from beets. A State Hop Inspector is to be appointed.

Bicycles are declared baggage, and paths are protected.

A State Dairy Commissioner is to be appointed, with large powers. Skimmed milk and cheese made therefrom must be labelled in large letters. Milk cans must be marked showing capacity and all milkmen in cities must be licensed.

Electric power companies are given the power of eminent domain, and those interfering with electric currents are to be punished.

The office of State Game Warden is created. A pure food bill was passed. The State Board of Pharmacy shall examine and license all druggists.

A "Horse-Shoers Board of Examiners" is required to examine, register, and license all horse-shoers in cities.

It is a misdemeanor to blacklist an employé. Eight hours made a day's work on public works.

An elaborate mining law, similar to Colorado's law, has been passed.

The State Board of Pardons has been abolished.

Compulsory school attendance is required in cities of over 10,000 inhabitants.

West Virginia.—The people will vote in 1900 upon an amendment that no charter of incorporation shall be granted to any church or religious denomination; but societies may be formed for missionary purposes.

Abandoned and neglected children, helpless aged persons, and animals are placed under the care of a State Board called "The West Virginia Humane Society," a part of which board shall be women. Orphan children and those in almshouses may be placed in homes by Children's Aid Societies.

The State establishes three hospitals, each under a State Board, for free treatment of those hurt in mines and on railroads. Others injured or hurt may be treated at cost to the State. Embalmers are to be examined and licensed by a State Board of Embalmers.

The fire insurance "valued policy" law has been adopted.

Eight hours is made a day's labor on all public works.

Days of grace on negotiable instruments are abolished. A State Board of Pardons is created to consider and advise the Governor as to pardons, commutations of sentence, and reprieves.

Wisconsin.—Age of consent changed from fourteen to eighteen years

Judges shall not be paid salary until they file oaths that no cause pending has remained undecided for ninety days after submission.

"Renovated butter" shall be stamped and sold as such.

Primary elections and caucuses are stringently regulated.

Factories and workshops are regulated very strictly as to sanitation, air space, and conveniences. Clothing and cigars shall not be manufactured in living rooms by those not members of the family. Cigars shall not be manufactured under ground. The milk supply is carefully guarded.

Trees and nursery stock shall be inspected and any incurably diseased destroyed.

The place of payment of time checks is fixed. Notice to quit employment or discharge employé must be reciprocal. It is a finable offense to threaten discharge or to promise higher wages to influence a person's vote, or to coerce any person to agree not to join any labor union as a condition for employment. Seats shall be furnished for female employés. Travelling libraries are provided for.

Legislative agents and counsel employed to promote or oppose legislation, affecting the pecuniary interests of any person or corporation, must have their names recorded in a legislative docket provided for the purpose No other person shall thus act under heavy penalty. Within thirty days after adjournment of the Legislature the employer must file with he Secretary of State a sworn statement showing in detail all the expenses and expenditures of such agent or counsel.

Marriage licenses must be obtained at least five days before marriage. Heretofore licenses to marry were not required, and Wisconsin was a Gretna Green for adjoining States.

Minors under fourteen shall not be employed except during vacation of public schools. Those under sixteen shall not work more than ten hours in any one day, nor before 6 in the morning nor after 9 at night.

It is made unlawful for any political committee, candidate for office, State, county, or municipal officers, to ask for or receive any pass or frank on any railroad, express, or telegraph company for the free transmission of any person, property, or message. The penalty for violation is very severe, being fine from $200 to $1,000, or imprisonment in the penitentiary from one to five years.

A Commissioner of Taxation is to be appointed, and a very extensive tax law was passed looking to a uniform and improved system. Taxes are imposed on gifts and legacies of property worth over $10,000, of 5 per cent when not to an immediate heir, and 1 per cent to those of kin.

Wyoming.—Bounties, both State and county, are given for destruction of certain wild animals.

Children deserted, orphaned, or surrounded by evil and corrupting influences, are under court orders to be cared for, and given to any active society organized to secure homes for such children.

Husband and wife may be witnesses against each other in many cases in which heretofore they were barred. The office of Game Warden is created.

An elaborate law has for its object the selection of jurors, and compelling the performance of jury duty. A juror must be a male citizen able to understand the English language, and appear upon the last assessment roll. When it is recalled that woman suffrage obtains in Wyoming this exaction of jury duty from the males of the State only is worthy of note.

Where a husband spends his earnings for liquors, or in gambling, and his wife or family are deprived of the common necessaries of life, the wife may serve notice upon the liquor dealer not to furnish liquor to, or the gambling-house not to permit the husband to game, and after such notice the keeper of the liquor or gaming house is liable for all damages to wife or children.

A State Board of Medical Examiners is created, and no person shall practice without examination.

Officers incurring liability for municipalities beyond the lawful limit are made individually liable upon their bonds.

Persons derailing trains, boarding trains to rob, or placing explosives upon the track with intention to blow up or derail, or firing bridges or trestles with intent to wreck cars or trains, shall be punished with death or life imprisonment. Schools are to be furnished with free text books.

Headgear obstructing view of any other person in theatres must be removed, or fine ensues.

The Presidential Election of 1900.

THE next Presidential election will take place on Tuesday, November 6, of the present year.

The President and Vice-President of the United States are chosen by officials termed "Electors" in each State, who are, under existing State laws, chosen by the qualified voters thereof by ballot, on the first Tuesday after the first Monday of November in every fourth year preceding the year in which the Presidential term expires.

The Constitution of the United States prescribes that each State shall "appoint," in such manner as the Legislature thereof may direct, a number of electors equal to the whole number of Senators and Representatives to which the State may be entitled in Congress; but no Senator or Representative or person holding an office of trust or profit under the United States shall be an elector The Constitution requires that the day when electors are chosen shall be the same throughout the United States. At the beginning of our Government most of the electors were chosen by the Legislatures of their respective States, the people having no direct participation in their choice; and one State, South Carolina, continued that practice down to the breaking out of the Civil War. But in all the States now the electors are, under the direction of State laws, chosen by the people on a general State ticket.

The manner in which the chosen electors meet and ballot for a President and Vice-President of the United States is provided for in Article XII. of the Constitution, and is as follows:

The electors shall meet in their respective States, and vote by ballot for President and Vice-President, one of whom, at least, shall not be an inhabitant of the same State with themselves; they shall name in their ballots the person voted for as President, and in distinct ballots the person voted for as Vice-President; and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which lists they shall sign and certify, and transmit, sealed, to the seat of government of the United States, directed to the President of the Senate.

The same article then prescribes the mode in which the Congress shall count the ballots of the electors, and announce the result thereof, which is as follows:

The President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted, the person having the greatest number of votes for President shall be President, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President, whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in the case of the death or other constitutional disability of the President. The person having the greatest number of votes as Vice-President shall be the Vice-President, if such number be a majority of the whole number of electors appointed; and if no person have a majority, then from the two highest numbers on the list the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice.

The procedure of the two houses, in case the returns of the election of electors from any State are disputed, is provided in the "Electoral Count" act, passed by the Forty-ninth Congress. The act directs that the Presidential electors shall meet and give their votes on the second Monday in January next following their election. It fixes the time when Congress shall be in session to count the ballots as the second Wednesday in February succeeding the meeting of the electors.

The Constitution also defines who is eligible for President of the United States, as follows:

No person except a natural-born citizen or a citizen of the United States at the time of the adoption of this Constitution shall be eligible to the office of President; neither shall any person be eligible to that office who shall not have attained to the age of thirty-five years.

The qualifications for Vice-President are the same.

Ballots for Candidates for President

IN THE NATIONAL DEMOCRATIC AND REPUBLICAN CONVENTIONS

1832. Democratic National Convention at Baltimore. Jackson nominated by acclamation.

1844. Democratic National Convention at Baltimore. First ballot, Van Buren, N. Y., 143, Cass, Mich., 83; Johnson, Ky., 24; Buchanan, Pa., 4. Ninth and last ballot, Polk, Tenn., 232; Cass, 17; Van Buren, 10.

1848. Democratic National Convention at Baltimore. First ballot, Cass, Mich. 125; Buchanan, Pa., 55; Woodbury, N. H. 53; Calhoun, S. C., 9; Worth, N. Y., 6; Dallas, Pa., 3. Fourth and last ballot, Cass, 242; Woodbury, 8, Buchanan, 4.

1852. Democratic National Convention at Baltimore. First ballot, Cass, Mich., 116; Buchanan, Pa., 93; Marcy, N. Y., 27; Douglas, Ill., 20; Lane, Ore., 13. Forty-ninth and last ballot, Pierce, N. H., 282; scattering, 4.

1856. Democratic National Convention at Cincinnati. First ballot, Buchanan, Pa., 135; Pierce N. H., 122; Douglas, Ill., 33; Cass, Mich., 5. Seventeenth and last ballot, Buchanan, 296.

1856. Republican National Convention at Philadelphia. First and only ballot, Fremont, Cal., 359; McLean, Ohio, 196.

1860. Democratic National Convention at Charleston, S. C. First ballot, Douglas, Ill., 145; Hunter, Va., 42; Guthrie, Ky., 35; Johnson, Ga., 12; Dickinson, N. Y., 7; Lane, Ore., 6; Jefferson Davis, Miss., 1; Toucey, Ct., 1; Pierce, N. H., 1. Fifty-seventh ballot, Douglas, 151; Guthrie, 65; Hunter, 16; Lane, 14; Dickinson, 4; Davis, 1. No choice. The Convention adjourned to meet at Baltimore, where Dougla was nominated on the second ballot, the vote being, Douglas, 181; Breckinridge, Ky., 7; Guthrie, Ky., 5, Seymour, N. Y., 1; Bocock, Va., 1.

The Convention of the anti-Douglas Democrats at Baltimore nominated Breckinridge, who had 105 votes, without opposition.

1860. Republican National Convention at Chicago. First ballot, Seward, N. Y., 137½; Lincoln, Ill., 102; Chase, Ohio, 49; Bates, Mo., 48; Dayton, N. J., 14; McLean, Ohio, 12. Third and last ballot, Lincoln, 281½; Seward, 180; Chase, 24½; Bates, 22; McLean, 8.

1864. Democratic National Convention at Chicago. First and only ballot, McClellan, N. J., 202½; Seymour, N. Y., 23½.

1864. Republican National Convention at Baltimore. Lincoln was nominated without opposition, except that Grant received the vote of Missouri.

1868. Democratic National Convention at New York. First ballot. Pendleton, Ohio, 105; Johnson, Tenn., 65; Hancock, Pa., 33; Doolittle, Wis., 13; Hendricks, Ind., 2. (Scattering votes were also cast in subsequent ballots for Parker, N. J.; English, Ct.; Packer, Pa.; Ewing, Ohio; Adams, Mass.; McClelland, Ill.; Pierce, N. H.; Hoffman, N. Y.; Field, Cal., and Seymour, Ct.) Twenty-second and last ballot, Seymour, N. Y., was nominated by acclamation.

BALLOTS FOR CANDIDATES FOR PRESIDENT—*Continued.*

1868. Republican National Convention at Chicago. Grant was nominated unanimously.
1872. Democratic National Convention at Baltimore. First and only ballot. Greeley, N. Y., 688; Bayard, Del., 15. Black, Pa., 21; Grosbeck, Ohio, 2.
1872. Republican National Convention at Philadelphia. Grant was nominated unanimously.

1876.

DEMOCRATIC NATIONAL CONVENTION, ST. LOUIS, JUNE 28.

CANDIDATES.	1st Ballot.	2d Ballot.
Total vote	738	738
Necessary to a choice*	492	492
Tilden, N. Y	403½	508
Hendricks, Ind	133½	85
Hancock, Pa	77	60
Allen, O.	56	54
Bayard, Del	56	11
Parker, N. J	18	18
Broadhead, Mo	19	..

Tilden nominated on 2d ballot.

REPUBLICAN NATIONAL CONVENTION, CINCINNATI, JUNE 16.

CANDIDATES.	1st Ballot.	2d Ballot.	3d Ballot.	4th Ballot.	5th Ballot.	6th Ballot.	7th Ballot.
Total vote	756	743	752	749	749	748	756
Necessary to a choice†	379	372	377	375	375	375	379
Blaine, Me	291	298	293	292	287	308	351
Morton, Ind	125	112	113	108	95	85	.
Bristow, Ky	113	114	121	126	114	111	21
Conkling, N. Y	96	93	90	84	82	81	..
Hayes, O	65	64	67	68	102	113	384
Hartranft, Pa	58	63	68	71	69	50	..
Jewell, Ct	11	..	..	..	..	..	..

Hayes nominated on the seventh ballot.

*Two-thirds vote necessary to a choice in the Democratic National Conventions. † Majority vote necessary to a choice in the Republican National Conventions.

1880.

DEMOCRATIC NATIONAL CONVENTION, CINCINNATI, JUNE 23, 24.

CANDIDATES.	1st Ballot.	2d Ballot.
Total vote	738	738
Necessary to a choice	492	492
Hancock, Pa	171	320
Bayard, Del	153½	113
Payne, O	81	..
Thurman, O	68½	50
Field, Cal	65	65½
Morrison, Ill	62	..
Hendricks, Ind	50½	31
Tilden, N. Y	38	6
Randall, Pa	6	128½
Scattering	*	†

Hancock nominated by acclamation, after the second ballot.
*Ewing, O., 10, Seymour, N. Y., 8; Loveland, Col., 5; McDonald, Ind., 3; Parker, N. J., 1; Black, Pa., 1. Jewett, O., 1; English, Ind., 1; Lathrop, Mich., 1. † English, Ind., 19. Parker, N. J., 2; Jewett, O., 1.

REPUBLICAN NATIONAL CONVENTION, CHICAGO JUNE 7, 8.

CANDIDATES.	1st Ballot.	31st Ballot.	32d Ballot.	33d Ballot.	34th Ballot.	35th Ballot.	36th Ballot.
Total vote	755	755	755	755	756	756	755
Necessary to a choice	378	378	378	378	379	379	378
Grant, Ill	304	308	309	309	312	313	306
Blaine, Me	284	276	270	275	275	257	42
Sherman, O	93	118	117	110	107	99	3
Edmunds, Vt	34	11	11	11	11	11	..
Washburne, Ill	30	37	44	45	30	23	5
Windom, Minn	10	3	3	4	4	3	..
Garfield, O	..	1	1	1	17	50	399
Conkling, N. Y	..	1	..	..	..	.	..

Garfield nominated on the thirty-sixth ballot.

1884.

DEMOCRATIC NATIONAL CONVENTION, CHICAGO, JULY 11.

CANDIDATES.	1st Ballot.	2d Ballot.
Total vote	820	820
Necessary to a choice	547	547
Cleveland, N. Y	392	683
Bayard, Del	170	81½
Thurman, O	88	4
Randall, Pa	78	4
McDonald, Ind	56	4
Carlisle, Ky	27	..
Flower, N. Y	4	..
Hoadly, O	3	..
Hendricks, Ind	1	45½
Tilden, N. Y	1	..

Cleveland nominated on 2d ballot.

REPUBLICAN NATIONAL CONVENTION, CHICAGO, JUNE 6.

CANDIDATES.	1st Ballot.	2d Ballot.	3d Ballot.	4th Ballot.
Total vote	818	818	819	818
Necessary to a choice	410	410	410	407
Blaine, Me	334½	349	375	541
Arthur, N. Y	278	276	274	207
Edmunds, Vt	93	85	69	41
Logan, Ill	63½	61	52	7
Sherman, O	30	28	25	..
Hawley, Ct	13	13	13	13
Lincoln, Ill	4	4	8	2
Gen. Sherman, Mo	2	2	2	..

Blaine nominated on the fourth ballot.

BALLOTS FOR CANDIDATES FOR PRESIDENT—*Continued.*

1888.

DEMOCRATIC NATIONAL CONVENTION, ST. LOUIS, JUNE 6.

CANDIDATE.	
Cleveland, N. Y.	Nominated by acclamation.

Cleveland nominated by acclamation, without a ballot.

REPUBLICAN NATIONAL CONVENTION, CHICAGO, JUNE 22, 24, 25.

CANDIDATES.	1st Ballot.	2d Ballot.	3d Ballot.	4th Ballot.	5th Ballot.	6th Ballot.	7th Ballot.	8th Ballot.
Total vote	830	830	830	829	827	830	831	830
Nec'ry to a choice	416	416	416	415	414	416	416	416
Harrison, Ind.	80	91	94	217	213	231	278	544
Sherman, O.	229	249	244	235	224	244	231	118
Alger, Mich.	84	116	122	135	142	137	120	100
Gresham, Ind.	111	108	123	98	87	91	91	59
Allison, Ia.	72	75	88	88	99	73	76	..
Depew, N. Y.	99	99	91	..	..	..	..	..
Rusk, Wis.	25	20	16	..	..	..	..	..
Phelps, N. J.	25	18	5	..	..	..	..	..
Ingalls, Kan.	28	16	..	..	..	..	..	..
McKinley, O.	2	3	8	11	14	12	16	4
Blaine, Me.	35	33	35	42	18	40	15	5
Scattering*	40	2	4	3	..	2	2	..

Harrison nominated on the eighth ballot.
* Fitler, Pa., 24; Hawley, Ct., 13; Lincoln, Ill., 3; on first ballot.

1892.

DEMOCRATIC NATIONAL CONVENTION, CHICAGO, JUNE 23.

CANDIDATES.	1st Ballot.
Total vote	909½
Necessary to a choice	607
Cleveland, N. Y.	617⅓
Hill, N. Y.	114
Boies, Ia.	103
Gorman, Md	36½
Stevenson, Ill.	16⅔
Scattering*	23

Cleveland nominated on the first ballot. * Carlisle, Ky., 14; Morrison, Ill., 3; Campbell, O., 2; Russell, Mass., 2; Pattison, Pa., 1; Whitney, N. Y., 1.

REPUBLICAN NATIONAL CONVENTION, MINNEAPOLIS, JUNE 7, 9, 10, 11.

CANDIDATES.	1st Ballot.
Total vote	904⅓
Necessary to a choice	453
Harrison, Ind.	535 1-6
Blaine, Me.	182 1-6
McKinley, O.	182
Reed, Me.	4
Lincoln, Ill.	1

Harrison nominated on the first ballot.

1896.

DEMOCRATIC NATIONAL CONVENTION, CHICAGO, JULY 10.

CANDIDATES.	1st Ballot.	5th Ballot.
Total vote	752	766
Necessary to a choice	502	512
Bryan, Neb.	119	500
Bland, Mo.	235	106
Pattison, Pa.	95	95
Matthews, Ind.	37	31
Boies, Ia.	85	26
Stevenson, Ill.	7	8
Blackburn, Ky.	83	..
McLean, O.	54	..
Scattering*	37	..
Not voting	178	162

Bryan nominated after the fifth ballot, enough changes being made to give him more than 512 votes.
* Tillman, S. C., 17; Pennoyer, Ore. 8.; Teller, Col., 8; Russell, Mass., 2; Hill, N. Y., 1; Campbell, O., 1.

REPUBLICAN NATIONAL CONVENTION, ST. LOUIS, JUNE 18.

CANDIDATES.	1st Ballot.
Total vote	906
Necessary to a choice	454
McKinley, O.	661⅙
Reed, Me.	84⅙
Quay, Pa.	61½
Morton, N. Y.	58
Allison, Ia.	35½
Cameron, Pa.	1
Blank	4

McKinley nominated on the first ballot.

The People's Party National Convention, at St. Louis, July 25, nominated William J. Bryan for President on the first ballot, which was: Bryan, 1,042; Norton, 321; Debs, 8; Donnelly, 1; Coxey, 1.
The National Democracy, at their National Convention at Indianapolis, September 3, nominated Senator John M. Palmer for President on the first ballot. There were but two candidates, and the result of the ballot was as follows: John M. Palmer, Illinois, 763⅙; Edward S. Bragg, Wisconsin, 124⅙.

FROM 1789 TO 1896.

AGGREGATE POPULAR VOTE AND ELECTORAL VOTE FOR CANDIDATES FOR PRESIDENT AND VICE-PRESIDENT AT EACH ELECTION.

NOTE.—There is, properly speaking, no popular vote for President and Vice-President; the people vote for electors, and those chosen in each State meet therein and vote for the candidates for President and Vice-President. The record of any popular vote for electors prior to 1824 is so meagre and imperfect that a compilation would be useless. In most of the States, for more than a quarter century following the establishment of the Government, the State Legislatures "appointed" the Presidential electors, and the people therefore voted only indirectly for them, their choice being expressed by their votes for members of the Legislature. In this tabulation only the aggregate electoral votes for candidates for President and Vice-President in the first nine quadrennial elections appear.

ELECTORAL VOTES.

1789. Previous to 1804, each elector voted for two candidates for President. The one who received the largest number of votes was declared President, and the one who received the next largest number of votes was declared Vice-President. The electoral votes for the first President of the United States were: George Washington, 69; John Adams, of Massachusetts, 34; John Jay, of New York, 9; R. H. Harrison, of Maryland, 6; John Rutledge, of South Carolina, 6; John Hancock, of Massachusetts, 4; George Clinton, of New York, 3; Samuel Huntingdon, of Connecticut, 2; John Milton, of Georgia, 2; James Armstrong, of Georgia; Benjamin Lincoln, of Massachusetts, and Edward Telfair, of Georgia, 1 vote each. Vacancies (votes not cast), 4. George Washington was chosen President and John Adams Vice-President.

1792. George Washington, Federalist, received 132 votes; John Adams, Federalist, 77; George Clinton, of New York, Republican (*a*), 50; Thomas Jefferson, of Virginia, Republican, 4; Aaron Burr, of New York, Republican, 1 vote. Vacancies, 3. George Washington was chosen President and John Adams Vice-President.

1796. John Adams, Federalist, 71; Thomas Jefferson, Republican, 68; Thomas Pinckney, of South Carolina, Federalist, 59; Aaron Burr, of New York, Republican, 30; Samuel Adams, of Massachusetts, Republican, 15; Oliver Ellsworth, of Connecticut, Independent, 11; George Clinton, of New York, Republican, 7; John Jay, of New York, Federalist, 5; James Iredell, of North Carolina, Federalist, 3; George Washington, of Virginia; John Henry, of Maryland, and S. Johnson, of North Carolina, all Federalists, 2 votes each; Charles Cotesworth Pinckney, of South Carolina, Federalist, 1 vote. John Adams was chosen President and Thomas Jefferson Vice-President.

1800. Thomas Jefferson, Republican, 73; Aaron Burr, Republican, 73; John Adams, Federalist, 65; Charles C. Pinckney, Federalist, 64; John Jay, Federalist, 1 vote. There being a tie vote for Jefferson and Burr, the choice devolved upon the House of Representatives. Jefferson received the votes of ten States, which, being the largest vote cast for a candidate, elected him President. Burr received the votes of four States, which, being the next largest vote, elected him Vice-President. There were 2 blank votes.

1804. The Constitution of the United States having been amended, the electors at this election voted for a President and a Vice-President, instead of for two candidates for President. The result was as follows: For President, Thomas Jefferson, Republican, 162; Charles C. Pinckney, Federalist, 14. For Vice-President, George Clinton, Republican, 162; Rufus King, of New York, Federalist, 14. Jefferson was chosen President and Clinton Vice-President.

1808. For President, James Madison, of Virginia, Republican, 122; Charles C. Pinckney, of South Carolina, Federalist, 47; George Clinton, of New York, Republican, 6. For Vice-President, George Clinton, Republican, 113; Rufus King, of New York, Federalist, 47; John Langdon, of New Hampshire, 9; James Madison, 3; James Monroe, 3. Vacancy, 1. Madison was chosen President and Clinton Vice-President.

1812. For President, James Madison, Republican, 128; De Witt Clinton, of New York, Federalist, 89. For Vice-President, Elbridge Gerry, of Massachusetts, Republican, 131; Jared Ingersoll, of Pennsylvania, Federalist, 86. Vacancy, 1. Madison was chosen President and Gerry Vice-President.

1816. For President, James Monroe, of Virginia, Republican, 183; Rufus King, of New York, Federalist, 34. For Vice-President, Daniel D. Tompkins, of New York, Republican, 183; John Eager Howard, of Maryland, Federalist, 22; James Ross, of Pennsylvania, 5; John Marshall, of Virginia, 4; Robert G. Harper, of Maryland, 3. Vacancies, 4. Monroe was chosen President and Tompkins Vice-President.

1820. For President, James Monroe, of Virginia, Republican, 231; John Q. Adams, of Massachusetts, Republican, 1. For Vice-President, Daniel D. Tompkins, Republican, 218; Richard Stockton, of New Jersey, 8; Daniel Rodney, of Delaware, 4; Robert G. Harper, of Maryland, and Richard Rush, of Pennsylvania, 1 vote each. Vacancies, 3. James Monroe was chosen President and Daniel D. Tompkins Vice-President.

ELECTORAL AND POPULAR VOTES.

Year of Election.	Candidates for President.	States.	Political Party.	Popular Vote.	Plurality.	Electoral Vote.	Candidates for Vice-President.	States.	Political Party.	Electoral Vote.
1824	Andrew Jackson	Tenn.	Rep.	155,872	50,551	(b) 99	John C. Calhoun*	S. C.	Rep.	182
	John Q. Adams*	Mass.	Rep.	105,321	....	84	Nathan Sanford	N. Y.	Rep.	30
	Henry Clay	Ky.	Rep.	46,587	....	87	Nathaniel Macon	N. C.	Rep.	24
	Wm. H. Crawford	Ga.	Rep.	44,282	....	41	Andrew Jackson	Tenn.	Rep.	13
							M. Van Buren	N. Y.	Rep.	9
							Henry Clay	Ky.	Rep.	2
1828	Andrew Jackson*	Tenn.	Dem.	647,231	138,134	178	John C. Calhoun*	S. C.	Dem.	171
	John Q. Adams	Mass.	Nat. R.	509,097	....	83	Richard Rush	Pa.	Nat. R.	83
							William Smith	S. C.	Dem.	7
1832	Andrew Jackson*	Tenn.	Dem.	687,502	157,313	219	M. Van Buren*	N. Y.	Dem.	189
	Henry Clay	Ky.	Nat. R.	530,189	....	49	John Sergeant	Pa.	Nat. R.	49
	John Floyd	Ga.	Ind.	33,108	....	11	Henry Lee	Mass.	Ind.	11
	William Wirt (c)	Md.	Anti-M			7	Amos Ellmaker (c)	Pa.	Anti-M	7
							Wm. Wilkins	Pa.	Dem.	30
1836	Martin Van Buren*	N. Y.	Dem.	761,549	24,893	170	R. M. Johnson (d)*	Ky.	Dem.	147
	W. H. Harrison	O.	Whig.	736,656	....	73	Francis Granger	N. Y.	Whig.	77
	Hugh L. White	Tenn.	Whig.			26	John Tyler	Va.	Whig.	47
	Daniel Webster	Mass.	Whig.			14	William Smith	Ala.	Dem.	23
	Willie P. Mangum	N. C.	Whig.			11				

PRESIDENTIAL ELECTIONS—*Continued.*

Year of Election.	Candidates for President.	States.	Political Party.	Popular Vote.	Plurality.	Electoral Vote.	Candidates for Vice-President.	States.	Political Party.	Electoral Vote.
1840	W. H. Harrison*	O	Whig	1,275,017	146,315	234	John Tyler*	Va	Whig	234
	Martin Van Buren	N. Y.	Dem	1,128,702	....	60	R. M. Johnson	Ky	Dem	48
	James G. Birney	N. Y.	Lib	7,059	....	..	L. W. Tazewell	Va	Dem	11
							James K. Polk	Tenn	Dem	1
1844	James K. Polk*	Tenn	Dem	1,337,243	38,175	170	George M. Dallas*	Pa	Dem	170
	Henry Clay	Ky	Whig	1,299,068	....	105	T. Frelinghuysen	N. J.	Whig	105
	James G. Birney	N. Y.	Lib	62,300	....	..	Thomas Morris	O	Lib	..
1848	Zachary Taylor*	La	Whig	1,360,101	139,557	163	Millard Fillmore*	N. Y.	Whig	163
	Lewis Cass	Mich	Dem	1,220,544	....	127	William O. Butler	Ky	Dem	127
	Martin Van Buren	N. Y.	F. Soil	291,263	....	..	Charles F. Adams	Mass	F. Soil	..
1852	Franklin Pierce*	N. H.	Dem	1,601,474	220,896	254	William R. King*	Ala	Dem	254
	Winfield Scott	N. J.	Whig	1,380,576	....	42	William A. Graham	N. C.	Whig	42
	John P. Hale	N. H.	F.D. (f)	156,149	....	..	George W. Julian	Ind	F. D.	..
	Daniel Webster (k)	Mass	Whig	1,670	....	..				
1856	James Buchanan*	Pa	Dem	1,838,169	496,905	174	J. C. Breckinridge*	Ky	Dem	174
	John C. Fremont	Cal	Rep	1,341,264	....	114	William L. Dayton	N. J.	Rep	114
	Millard Fillmore	N. Y.	Amer	874,538	....	8	A. J. Donelson	Tenn	Amer	8
1860	Abraham Lincoln*	Ill	Rep	1,866,352	491,195	180	Hannibal Hamlin*	Me	Rep	180
	Stephen A. Douglas	Ill	Dem	1,375,157	....	12	H. V. Johnson	Ga	Dem	12
	J. C. Breckinridge	Ky	Dem	845,763	....	72	Joseph Lane	Ore	Dem	72
	John Bell	Tenn	Union	589,581	....	39	Edward Everett	Mass	Union	39
1864	Abraham Lincoln*	Ill	Rep	2,216,067	407,342	e 212	Andrew Johnson*	Tenn	Rep	212
	George B. McClellan	N. J.	Dem	1,808,725	....	21	George H. Pendleton	O	Dem	21
1868	Ulysses S. Grant*	Ill	Rep	3,015,071	305,456	f 214	Schuyler Colfax*	Ind	Rep	214
	Horatio Seymour	N. Y.	Dem	2,709,615	....	80	F. P. Blair, Jr.	Mo	Dem	80
1872	Ulysses S. Grant*	Ill	Rep	3,597,070	762,991	286	Henry Wilson*	Mass	Rep	286
	Horace Greeley	N. Y.	D.& L.	2,834,079	....	g ..	B. Gratz Brown	Mo	D. L.	47
	Charles O'Conor	N. Y.	Dem	29,408	....	..	John Q. Adams	Mass	Dem	..
	James Black	Pa	Temp.	5,608	....	..	John Russell	Mich	Temp	..
	Thomas A. Hendricks	Ind	Dem	....	....	42	George W. Julian	Ind	Lib	5
	B. Gratz Brown	Mo	Dem	....	....	18	A. H. Colquitt	Ga	Dem	5
	Charles J. Jenkins	Ga	Dem	....	....	2	John M. Palmer	Ill	Dem	3
	David Davis	Ill	Ind	....	....	1	T. E. Bramlette	Ky	Dem	3
							W. S. Groesbeck	O	Dem	1
							Willis B. Machen	Ky	Dem	1
							N. P. Banks	Mass	Lib	1
1876	Samuel J. Tilden	N. Y.	Dem	4,284,885	250,935	184	T. A. Hendricks	Ind	Dem	184
	Rutherford B. Hayes*	O	Rep	4,033,950	....	h 185	William A. Wheeler*	N. Y.	Rep	185
	Peter Cooper	N. Y.	Gre'nb	81,740	....	..	Samuel F. Cary	O	Gren'b	..
	Green Clay Smith	Ky	Pro	9,522	....	..	Gideon T. Stewart	O	Pro	..
	James B. Walker	Ill	Amer	2,636	....	..	D. Kirkpatrick	N. Y.	Amer	..
1880	James A. Garfield*	O	Rep	4,449,053	7,018	214	Chester A. Arthur*	N. Y.	Rep	214
	W. S. Hancock	Pa	Dem	4,442,035	....	155	William H. English	Ind	Dem	155
	James B. Weaver	Iowa	Gre'nb	307,306	....	..	B. J. Chambers	Tex	Gre'nb	..
	Neal Dow	Me	Pro	10,305	....	..	H. A. Thompson	O	Pro	..
	John W. Phelps	Vt	Amer	707	....	..	S. C. Pomeroy	Kan	Amer	..
1884	Grover Cleveland*	N. Y.	Dem	4,911,017	62,683	219	T. A. Hendricks*	Ind	Dem	219
	James G. Blaine	Me	Rep	4,848,334	....	182	John A. Logan	Ill	Rep	182
	John P. St. John	Kan	Pro	151,809	....	..	William Daniel	Md	Pro	..
	Benjamin F. Butler	Mass	Peop	133,825	....	..	A. M. West	Miss	Peop	..
	P. D. Wigginton	Cal	Amer	....	....	..				
1888	Grover Cleveland	N. Y.	Dem	5,538,233	98,017	168	Allen G. Thurman	O	Dem	168
	Benjamin Harrison*	Ind	Rep	5,440,216	....	233	Levi P. Morton*	N. Y.	Rep	233
	Clinton B. Fisk	N. J.	Pro	249,907	....	..	John A. Brooks	Mo	Pro	..
	Alson J. Streeter	Ill	U. L.	148,105	....	..	C. E. Cunningham	Ark	U'd L.	..
	R. H. Cowdry	Ill	U'd. L.	2,808	....	..	W. H. T. Wakefield	Kan	U'd L.	..
	James L. Curtis	N. Y.	Amer	1,591	....	..	James B. Greer	Tenn	Amer	..
1892	Grover Cleveland*	N. Y.	Dem	5,556,918	380,810	277	Adlai E. Stevenson*	Ill	Dem	277
	Benjamin Harrison	Ind	Rep	5,176,108	....	145	Whitelaw Reid	N. Y.	Rep	145
	James B. Weaver	Iowa	Peop	1,041,028	....	22	James G. Field	Va	Peop	22
	John Bidwell	Cal	Pro	264,133	....	..	James B. Cranfill	Tex	Pro	..
	Simon Wing	Mass	Soc. L.	21,164	....	..	Charles H. Matchett	N. Y.	Soc. L.	..
1896	William McKinley*	O	Rep	7,104,779	601,854	271	Garret A. Hobart*	N. J.	Rep	271
	William J. Bryan	Neb	Dem. }	6,502,925	....	176	Arthur Sewall	Me	Dem	176
	William J. Bryan	Neb	Pop. }		....	..	Thomas E. Watson	Ga	Pop	..
	Joshua Levering	Md	Pro	132,007	....	..	Hale Johnson	Ill	Pro	..
	John M. Palmer	Ill	N. Dem	133,148	....	..	Simon B. Buckner	Ky	N. Dem	..
	Charles H. Matchett	N. Y.	Soc. L.	36,274	....	..	Matthew Maguire	N. J.	Soc. L.	..
	Charles E. Bentley	Neb	Nat. (j)	13,969	....	..	James H. Southgate	N. C.	Nat. (j)	..

* The candidates starred were elected. (a) The first Republican Party is claimed by the present Democratic Party as its progenitor. (b) No candidate having a majority of the electoral vote, the House of Representatives elected Adams. (c) Candidate of the Anti-Masonic Party. (d) There being no choice, the Senate elected Johnson. (e) Eleven Southern States, being within the belligerent territory, did not vote. (f) Three Southern States disfranchised. (g) Horace Greeley died after election, and Democratic electors scattered their vote. (h) There being a dispute over the electoral votes of Florida, Louisiana, Oregon, and South Carolina, they were referred by Congress to an electoral commission composed of eight Republicans and seven Democrats, which, by a strict party vote, awarded 185 electoral votes to Hayes and 184 to Tilden. (i) Free Democrat. (j) Free Silver Prohibition Party. (k) In Massachusetts. There was also a Native American ticket in that State, which received 184 votes.

NOTE.—For popular and electoral vote by States in 1892 and 1896 see tables beginning election returns.

Principal Trusts in the United States.*

(Prepared for THE WORLD ALMANAC by Byron W. Holt.)

I.—TWO HUNDRED LEADING CORPORATE TRUSTS. (Corrected to November 30, 1899.)

PRESENT NAME OF TRUST.	When First Formed.	If Re-formed, When.	Where Incorporated.	Location Principal Office.	PRESENT CAPITALIZATION.† (With Rates of Interest and Dividends.‡) Com. Stock.	Pref. Stock.	Bonds.
Alabama Con. Coal & Iron Co. (5 prop.)	1899	....	N. J.	Birmingham..	$2,500,000	$2,500,000 (7)	.....
Amal. Copper Co. (6 copper properties)	1899	....	N. J.	New York....	75,000,000 (8)	.....	.....
American Agricultural Chemical Co. (23 fertilizer plants).....	1899	....	Ct....	New York....	16,500,000	16,500,000 (6)	.....
American Automatic Weighing Machine Co. (3 companies, all in U. S.).....	1899	....	Eng...	New York....	£135,000	£135,000 (6)	.....
American Axe & Tool Co. (16 plants)...	1889	...	Ky...	New York....	3,872,500 (6) g	.....	.....
Am Beet Sugar (prop. in Neb.& S. Cal.)	1899	...	.....	New York....	15,000,000	4,000,000 (6)	.....
American Bell Telephone (controls 51 companies with $153,324,516 capital).	1879	1880	Mass.	Boston.....	25,886,300 (15)	.....	$10,000,000 (4)
American Bicycle Co. (56 plants).....	1899	....	N. J..	New York....	20,000,000	10,000,000 (7)	10,000,000 (5)
Am. Car & Foundry Co. (railroad cars)	1899	....	N. J..	New York....	29,090,000	29,090,000 (7)	.....
American Cement Co. (6 mills in Pa. and N.Y., cement properties, wharves, etc.)	1899	....	N. J..	.....	2,100,000	.....	1,000,000 (5)
Am. Chicle Co. (6 large chew. gum firms)	1899	....	N. J..	.....	6,000,000 (6)	3,000,000 (6)	.....
American Cotton Oil Co. (123 properties)	1883	1889	N. J..	New York....	20,237,100 (4)	10,198,600 (6)	3,068,000 (8)
Am. Edible Nut Co. (peanut combine)..	1899	....	N. J..	.....	5,000,000	.....	.....
American Electric Heating Corporation.	1893	....	.....	Boston.....	10,000,000	.....	500,000 (5)
American Felt Co. (nearly all in U. S.).	1899	....	N. J..	New York....	2,500,000	2,500,000	500,000
Am. Fisheries Co. (15-18 menhaden cos.)	1898	....	N. J..	New York....	8,000,000	2,000,000 (7)	.....
American Glue Co	1891	....	.....	Boston.....	1,400,000	700,000	.....
Am. Hide & Leather Co. (30 companies, 85 per cent upper leather output).....	1899	....	N. J..	New York....	11,500,000	13,000,000 (7)	9,000,000 (5)
American Ice Co. (ice companies of N. Y., Phila., Balt., Wash., and N. J.)...	1899	....	N. J..	New York....	22,939,100 (1)	12,440,400 (6)	1,255,000
Am. Iron & Steel Co. (several iron and steel cos. of Lebanon and Reading)...	1899	....	Pa...	.....	12,000,000	3,000,000 (5)	.....
American Jute Bagging Mfg. Co.....	1888	1894	.....	.....	2,800,000	.....	.....
American Last Co.....	1899	....	Ohio..	.....	2,000,000	1,500,000	.....
American Linseed Oil Co. (82 plants)...	1887	1898	N. J..	Chicago.....	15,475,000	15,475,000 (7)	.....
American Lithograph Co.	1891	1892	N. J..	New York....	8,000,000	3,500,000	.....
Am. Malt'g Co. (37 cos., nearly all U. S.)	1897	....	N. J..	New York....	14,500,000 (7)	14,440,000 (7)	3,000,000 (6)
Am. Ordnance Co. (guns, projectiles, etc.)	1896	....	.....	Dist. of Col...	2,500,000	.....	.....
Am. Pastry & Mfg. Co. (pie bakers. N.Y.)	1899	....	N. J..	New York....	2,000,000	1,000,000	.....
Am. Pneumatic Service (consol. 4 cos.)	1899	....	Del...	Boston.....	5,000,000	5,000,000 (6)	.....
Am. Radiator Co. (4 leading companies)	1892	1899	N. J..	Chicago.....	5,000,000	3,000,000 (7)	.....
American School Furniture Co.....	1899	....	N. J..	.....	10,000,000	.....	1,500,000
Am. Sewer Pipe Co. (51 big companies)	1899	....	N. J..	Pittsburgh...	12,500,000	12,500,000	.....
Am. Shipbuilding Co. (shipbld. on G.L.)	1899	....	N. J..	Cleveland....	7,600,000	7,600,000 (7)	.....
American Silk Mfg. Co. (silk thread)...	1899	....	N. J..	New London..	7,500,000	5,000,000 (6)	.....
American Soda Fountain Co.....	1891	....	N. J..	New York....	1,250,000(5¼)b	2,500,000(6,8)b	.....
American Smelting & Refining Co.	1899	...	N. J..	New York....	27,400,000	27,400,000 (7)	2,133,000 (6)
American Steel & Wire Co. of N. J.....	1898	1899	N. J..	Chicago.....	50,000,000	40,000,000 (7)	101,656
American Steel Casting Co	1891	1894	N. J..	.....	4,200,000 (7)	.....	.....
Am. Steel Hoop Co. (10 companies).....	1899	....	N. J..	New York....	19,000,000	14,000,000 (7)	.....
Am. Straw Board Co. (19 plants).	1889	1895	Ill....	Chicago.....	6,000,000 (1)	.....	829,389 (6)
Am. Sugar Refining Co. (70 per cent all)	1887	1891	N. J..	New York....	36,988,000 (12)	36,968,000 (7)	.....
Am. Switch Co. (12 switch and frog cos.)	1899	....	N. J..	.....	5,500,000	5,500,000 (6)	.....
Am. Thread Co (13 cotton thread cos. controlled by English Cotton Co.).....	1898	....	N. J..	New York....	6,000,000	6,000,000 (5)	6,000,000 (4)
Am. Tin Plate Co. (281 mills, 95 p.c. of all)	1898	....	N. J..	Chicago.....	28,000,000	18,000,000 (7)	.....
Am. Tobacco Co. (plug bus. sold in 1898).	1890	....	N. J..	New York....	54,500,000(7,100)	14,000,000 (8)	3,580,000 (6)
Am. Type Founders' Co. (23 cos. in U. S.)	1892	1896	N. J..	New York....	4,000,000 (4)	.....	1,000,000 (6)
Am Window Glass Co. (80 per cent all)	1899	....	Pa...	Pittsburgh...	13,000,000	4,000,000 (7)	.....
American Warp-Drawing Machine Co ..	1899	....	.....	.....	2,300,000	700,000	.....
Am. Woodworking Machinery Co. (14 firms—in receivers' hands).....	1897	....	N. J..	New York....	2,000,000	2,000,000 (7)	1,200,000
Am Woollen Co (men's woollens)	1899	....	N. J..	Boston.....	29,501,100	20,000,000 (7)	.....
Ancan Wringer Co.....	1891	....	R. I..	Rhode Island.	850,000 (8)	1,650,000 (7)	.....
Am Writing Paper Co. (22 companies)	1899	....	N. J..	.....	9,500,000	12,500,000 (7)	17,000,000 (5)
Asphalt Co. of America (95 per cent all)	1899	....	N. J.	Philad. Iphia..	30,000,000	.....	30,000,000 (5)
Atlantic Snuff Co. (all but 2 companies)	1898	....	N. J.	Nashville.....	2,000,000	8,000,000	.....
Baltimore Brick Co. (22 plants).....	1899	....	N. J..	Baltimore....	1,500,000	600,000 (6)	.....
Barber Asphalt Paving Co. (pools with other companies)...	1887	1896	.....	New York....	5,000,000	.....	.....
Booth, A., & Co. (fish and oysters, 43 concerns).....	1898	....	Ill...	Chicago.....	3,000,000	2,500,000 (8)	2,000,000
Borax Consolidated, limited (cons. 12 prin. borax properties of world).....	1899	....	Eng..	London	£600,000	£800,000 (5½)	£800,000 (4½)
Bass Foundry & Machine Co.	1898	....	N. J..	Jersey City...	6,000,000	.....	.....
Brunswick-Balke-Collender Co. (billiard tables, etc.).....	1882	....	Ohio..	New York....	1,500,000	.....	.....
California Fruit Canners' Association..	1899	....	Cal...	San Francisco	3,500,000	.....	.....
California Winemakers' Corporation (allied with California Wine Ass'n).....	1894	....	Cal..	San Francisco	10,000,000	.....	.....
Carnegie Steel Co. (15 iron, steel, and coke companies).....	1894	....	.....	Pittsburgh...	35,000,000	.....	.....
Central Foundry Co. (95 per cent soil pipe output United States)..... ...	1899	....	N. J..	New York....	7,000,000	7,000,000 (7)	4,000,000 (6)
Central Hudson Steamboat Co. (9 Hudson River boats).....	1899	....	.....	.....	400,000	600,000	500,000

Present Name of Trust.	When First Formed.	If Re-formed, When.	Where Incorporated.	Location Principal Office.	Present Capitalization.† (With Rates of Interest and Dividends.‡) Com. Stock.	Pref. Stock.	Bonds.
Central New York Brewing Co.	1899	....	N. J..	.....	$2,200,000	$1,800,000 (7)	$2,200,000 (6)
Chicago Junction R'y & Union Stock Yards Co. (meat packing, cattle, 3 cos.)	1890	1898	N. J..	Chicago	6,500,000 (8)	6,500,000 (8)	12,939,000 (5)
Chicago Milk Co. (⅜ milk supply)	1899	....	.....	Chicago	3,000,000	3,000,000 (7)	.....
Chicago Sash, Door & Blind Co. (35 Chicago companies)	1899	....	N. J..	.....	3,500,000	2,500,000	.....
City of Chicago Brewing & Malting Co. (English and American companies)	1891	....	Gt. B.	Chicago	£625,000	£625,000 (8)a	£3,166,000 (6)
Cleveland & Sandusky Brewing Co. (11 breweries)	1898	....	.....	.....	3,000,000	3,000,000	6,000,000 (6)
Colorado Fuel & Iron (consolidated Colorado Coal & Iron Co.)	1892	....	Col...	Denver	17,000,000(1¼)e	13,000,000 (4)a	7,792,000 (5, 6)
Col. Elec. Car-light. & Brake Co. (3 cos.)	1899	....	N. J..	New York	10,000,000	.....	.....
Commonwealth Electric Co. (12 companies, pools with Edison)	1898	....	.....	Chicago	3,000,000	.....	2,500,000 (5)
Consolidated Ice Co. (all artificial ice companies in Pittsburgh)	1899	....	.....	Pittsburgh	2,000,000	2,000,000	.....
Con. Lk. Super. Co. (4 cos. water power)	1899	....	Ct....	Philadelphia	14,000,000 (7)	6,000,000 (7)	3,500,000 (5)
Consolidated Rubber Tire Co.	1899	....	N. J..	Trenton	4,000,000	4,000,000 (6)	.....
Consolidated Smelting & Refining Co. (11 big cos. in U. S. and Mexico)	1899	....	N. J..	.....	27,000,000	27,000,000	.....
Continental Cement Co.	1899	....	N. J..	.....	5,000,000	5,000,000 (7)	.....
Cont'nt'l Cotton Oil Co. (7 Southern cos.)	1898	....	N. J..	.....	3,000,000	2,762,000 (7)	.....
Continental Tobacco Co. (7 plug cos. and plug interest of Am. Tob. Co.)	1898	....	N. J..	New York	48,816,100	48,844,600 (7)	.....
Diamond MatchCo. (mills in U.S. & Eng.)	1889	....	Ill...	Chicago	15,000,000 (10)	.....	.....
Distilling Co. of America	1899	....	N. J..	New York	46,250,000	31,250,000 (7)	1,899,000 (6)
Electric Boat Co. (absorbed 3 cos.)	1899	....	N. J..	New York	4,997,800	1,190,000 (8)	.....
Electric Storage Battery Co. (absorbed other cos. in 1895; owns ⅔ Elec. V. Co.)	1888	....	N. J..	New York	11,875,000	5,000,000 (1)	450,000 (5)
Electric Vehicle Co. (organizes and operates automobile companies.)	1997	....	N. J..	New York	7,000,000 (2)	5,000,000 (8)	.....
Erie Tel. & Tel. Co. (controls 4 'phone companies in 7 W. and S. States)	1888	....	.....	Lowell, Mass.	5,000,000 (4)	.....	7,905,000 (5, 6)
Federal Steel Co. (many mills & props.)	1898	....	N. J..	New York	46,484,000 (1¼)	53,261,000 (6)	28,334,000 (5, 6)
General Aristo Co. (photographic supplies; 6 concerns)	1899	....	N. Y..	Rochester	2,500,000	2,500,000 (7)	.....
General Chem. Co. (consol. several cos.)	1899	....	N. Y..	New York	12,500,000	12,500,000 (6)	.....
General Electric (pools with other cos.)	1892	1898	N. Y..	Schenectady	18,276,000 (6)	2,551,200 (7)	5,700,000 (5)
Glucose Sugar Refin. Co. (most in U. S.)	1897	....	N. J..	Chicago	24,027,300 (6)	12,619,000 (7)	.....
Great Lakes Towing Co. (towboats)	1899	....	N. J..	Jersey City	1,675,000	1,675,000 (7)	.....
Havana-American Co. (7 cigar cos.)	1899	....	N. J..	New York	5,000,000	5,000,000 (7)	.....
Herring-Hall-Marvin (safe combine)	1892	1899	N. J..	New York	1,650,000	1,650,000 (7)	.....
Indurated Fibre Industries Co.	1890	....	N. J..	New York	1,000,000	.....	.....
Int. Power Co. (plants in R. I. and Mass.)	1899	....	N. J..	New York	7,400,000	600,000 (3)	225,000
International Automobile & Vehicle Tire Co. (3 rubber tire companies)	1899	....	N. J..	.....	1,500,000	1,500,000	.....
Int. Car Wheel Co. of U. S. and Canada	1899	....	N. J..	Buffalo	3,225,000	1,775,000 (7)	.....
International (Floating) Elevating Co.	1891	....	.....	New York	2,200,000 (12)	.....	.....
International Heater Co. (4 companies)	1898	....	N. Y..	.....	900,000	900,000	.....
Int. Paper Co. (30 newspaper mfrs.)	1898	....	.....	Corinth	17,443,850 (4)	22,406,700 (6)	8,782,000 (6)
International Silver Co. (24 plate cos.)	1898	....	N. J..	New York	9,946,000	5,111,500 (7)	3,592,000 (6)
Inter. Steam Pump Co. (5 largest in U.S.)	1899	....	N. J..	New York	15,000,000	8,850,000 (6)	.....
Knickerbocker Ice Co., Chicago (28 cos.)	1898	....	.....	Chicago	4,000,000	3,000,000 (6)	2,000,000 (6)
Kodak Limited Co. (consol. England, French, German, and American cos.)	1898	....	.....	.....	£1,000,000	£600,000 (6)	.....
Lake Dredgers' Ass'n (123 owners of dredges on Great Lakes)	1897	....	Ill...	.....	5,000,000	.....	.....
Lake Superior Con. Iron Mines	1893	....	.....	N. Y. City	28,722,000	.....	.....
Manhattan Spirit Co. (wood alcohol)	1893	....	.....	.....	5,000,000	.....	.....
Macbeth-Evans Glass Co. (5 chimney cos., 60 per cent of all in U. S.)	1899	....	.....	Pittsburgh	2,000,000	.....	.....
Marsden Co. of Phila. (cellulose and smokeless powder trust)	1897	....	.....	Philadelphia	30,782,200	1,530,000 (6)	.....
Maryland Brewing Co. (17 Balt. cos.)	1898	....	.....	Baltimore	3,252,000	3,250,000 (6)	7,500,000 (6)
Met. Tobacco Co. (selling combine)	1899	....	N.Y..	New York	500,000	500,000 (10)	.....
Milw'kee & Chi. Brew. Co. (Eng. & Am.)	1894	....	.....	.....	£775,000	£775,000 (5½)	£3,500,000 (5)
Mt. Vernon Woodberry Cotton Duck Co. (14 mills, 90 per cent of all in U. S.)	1899	....	Del...	.....	9,500,000	.....	13,000,000 (5)
Monongahela River Con. Coal & Coke Co. (river consolidation)	1899	....	Pa....	Pittsburgh	20,000,000	10,000,000 (7)	10,000,000 (6)
Nat. Bisc. Co. (most large bakers in U.S.)	1898	....	N. J..	Chicago	29,200,000 (4)	23,200,000 (7)	1,729,000 (6)
National Carbon Co. (all companies in United States and ⅔ in world)	1899	....	N. J..	Cleveland	5,500,000	4,500,000 (7)	.....
National Cash Register Co.	1899	....	.....	.....	4,000,000	600,000 (7)	.....
National Casket Co.	1891	....	N.Y..	.....	6,000,000	.....	.....
Nat. Enamelling & Stamp Co. (4 cos.)	1899	....	N. J..	New York	15,100,000	7,375,000 (7)	.....
National Glass Co. (tableware trust)	1899	....	Pa....	Pittsburgh	3,000,000	.....	.....
Nat. Lead Co. (25 white lead, etc., plants)	....	1891	N. J..	New York	14,905,400 (1)	14,904,000 (7)	12,603
Nat. Salt Co. of N. J. (95 per cent all)	1899	....	N. J..	New York	3,500,000	2,400,000 (7)	.....
National Saw Co. (controlled by Diston)	1890	1893	Ky...	New York	2,000,000	600,000	.....
Nat. Screw Co. (Am. Co. & 13 other cos.)	1899	....	.....	.....	10,000,000	.....	.....
National Shear Co.	1898	....	N. J..	Newark	1,500,000	1,500,000	.....
National Starch Mfg. Co. (20 cos.; agreement with others)	1890	1898	Ky...	New York	4,450,700 (1)	4,066,200 (2)	3,042,000 (6)
National Steel Co. (8 soft steel plants)	1899	....	N. J..	New York	32,000,000	27,000,000 (7)	2,561,000 (6)
National Tin Plate & Stamped Ware Co.	1899	....	N. J..	.....	10,000,000	10,000,000 (7)	.....
Nat. Tube Co. (17 cos., 90 pr. ct. output)	1899	....	N. J..	N. Y. & Pittsb.	40,000,000	40,000,000 (7)	.....

Present Name of Trust.	When First Formed.	If Re-formed, When.	Where Incorporated.	Location Principal Office.	Present Capitalization † (With Rates of Interest and Dividends.‡) Com. Stock.	Pref. Stock.	Bonds.
National Wall Paper Co. (30 cos.)	1879	1899	.....	New York	$27,931,500	$7,500,000 (8)	.....
New England Cotton Yarn (9 yarn mills)	1899	....	N. J.	Jersey City	5,000,000	5,000,000 (7)	$5,700,000 (5)
Niles-Bement-Pond Co. (tool works con.)	1899	....	N. J.	New York	5,000,000	2,000,000 (6)	.....
Otis (Passenger) Elevator Co. (13 cos.)	1898	....	N. J.	New York	6,000,000	4,000,000 (6)	.....
Pacific Am. Fish. Co. (salmon canners).	1899	....	N. J.	Chicago	5,000,000	.....	.....
Pacific Coast Biscuit Co. (11 firms)	....	1899	Ore.	.....	2,000,000	950,000 (7)	1,000,000 (6)
Paterson Brewing & Malting (principal breweries in Paterson)	1899	....	N. J.	Paterson	3,000,000	.....	3,000,000
Penn. Central Brew. Co. (12 breweries)	1897	....	Pa.	.....	2,800,000	2,800,000 (8)	2,800,000 (6)
Pillsbury-Washburn Flour Mills Co.	....	....	Minn.	Minneapolis	£500,000	£500,000 (8)	£875,000 (6)
Pittsburgh Brewing Co.	1899	....	.....	.....	6,500,000	6,500,000	6,500,000 (6)
Pittsburgh Coal Co. (rail coal consol., output 19,000,000 tons coal)	1899	....	N. J.	.....	30,800,000	30,800,000 (7)	.....
Pittsburgh Laundry Co.	1899	....	.....	Pittsburgh	1,750,000	1,750,000	.....
Pittsburgh Plate Glass Co.	1891	1895	.....	Pittsburgh	9,850,000 (4)	150,000 (12)	.....
Pitts. Stove & Range Co. (9 stove cos.)	1899	....	Pa.	Pittsburgh	1,000,000	1,000,000 (7)	.....
Pressed Steel Car Co. (consol. 2 cos.)	1899	....	N. J.	New York	12,500,000 (6)	12,500,000 (7)	.....
Republic Iron & Steel Co. (29 bar and forge iron companies, etc.)	1899	....	N. J.	Chicago	27,352,000	26,352,000 (7)	.....
Royal Baking Powder Co. (consol. principal companies)	1899	....	N. J.	New York	10,000,000	10,000,000 (6)	.....
Rubber Goods Mfg. Co. (consol. mechanical goods companies)	1899	....	N. J.	New York	12,114,900	6,396,900 (7)	.....
San Francisco Breweries, Limited	....	....	.....	.....	£384,000	£126,000 (3)	£400,000 (6)
Shelby Steel Tube Co. (weldless tubes)	1897	....	.....	Shelby, O.	10,000,000	.....	.....
Seacoast Packing Co. (sardines consol. outside of Standard)	....	1899	N. J.	.....	3,000,000	.....	.....
Sloss-Sheffield Iron & Steel Co. (6 props.)	1899	....	N. J.	Birmingham	7,500,000	6,700,000 (7)	3,835,000 (4½, 6)
Southern Car & Foundry Co.	1899	....	.....	.....	1,750,000	1,750,000	.....
Sperry Flour Co. (California companies).	1892	....	Cal.	.....	10,000,000	.....	.....
Standard Metal Co. (10 companies car journal bearings)	1899	....	.....	.....	4,000,000	1,800,000 (7)	.....
Standard Shoe Machinery Co. (5 companies not in United Company)	1899	....	N. J.	.....	2,500,000	1,500,000 (7)	.....
Standard Oil (petroleum refineries)	1872	1882	N. J.	New York	97,250,000 (30)	.....	.....
Standard Rope & Twine Co.	1896	....	N. J.	New York	12,000,000	.....	10,378,000 (5, 6)
Steel Tired Car Wheel Co. (6 or 7 cos.)	1898	....	.....	Trenton	2,000,000	.....	.....
St. Louis Breweries, Limited	....	....	.....	.....	£900,000 (4)	£300,000 (8)	4,961,000 (6)
Tennessee Coal, Iron & Railroad Co.	1887	....	.....	Birmingham	20,000,000 (1)	1,000,000 (8) e	10,985,000 (6, 7)
Tidewater Oil Co. (consol. 4 companies)	1888	....	N. J.	New York	5,000 000	.....	.....
Trenton Potteries Co.	1892	....	N. J.	Trenton	1,750,000 (5)	1,250,000 (8)	.....
Union Bag & Paper Co. (90 per cent all)	1899	....	N. J.	Chicago	16,000,000	11,000,000 (7)	.....
Union Carbide Co. (consol. all cos.)	1898	....	Va.	.....	6,000,000	.....	.....
Union Steel & Chain Co. (78 properties)	1899	....	Del.	New York	30,000,000	30,000,000 (7)	10,000,000
Union Switch & Signal Co. (consol. with Nat. S. & S. Co.)	....	1898	.....	.....	997,950	397,600 (6)	679,000 (5)
Union Typewriter Co. (5 leading cos.)	1893	....	N. J.	New York	10,000,000	8,015,000 (7, 8)	.....
United Brew. Co. (13 brew. in Chicago)	1898	....	N. J.	Chicago	5,463,000	.....	3,413,000 (6)
United Fruit Co. (10 big cos. trop. fruits)	1899	....	N. J.	Boston	10,471,100 (10)	.....	.....
United Gas Improvement Co. (controls gas, etc., companies)	1882	1885	Pa.	Philadelphia	15,000,000 (8,15)	.....	1,000,000 (6)
United Lighting & Heating Co. (3 companies, oil-light interests of U. S.)	1899	....	N. J.	.....	6,000,000	6,000,000	.....
United Paper Co. (tissue paper)	1892	....	N. J.	Paterson	1,500,000	1,500,000	.....
United Shoe Machinery Co.	1899	....	N. J.	Boston	8,660,725 (2½)	8,657 700 (6)	.....
United Starch Co. (4 concerns, all outside National Starch Co.)	1899	....	N. J.	New York	3,500,000	2,500,000 (6)	.....
United Zinc Co. (consol. 4 companies).	1899	....	.....	.....	5,000,000	1,000,000 (8)	.....
United States Cast-Iron Pipe & Foundry Co. (13 cos., all in South and West)	1899	....	N. J.	New York	12,000,000	12,000,000 (7)	.....
U. S. Bobbin & Shuttle Co. (5 concerns, 90 per cent output)	1899	....	N. J.	.....	1,000,000	650,000 (7)	300,000 (6)
U. S. Dyewood & Extract Co. (all in U.S.)	1899	....	N. J.	.....	4,000,000	6,000,000 (6)	.....
U. S. Envelope Co. (10 cos., 90 p. c. all)	1898	....	Me.	Springfield	750,000	3,750,000 (7)	2,000,000 (6)
U. S. Finishing Co. (3 dyeing and printing companies)	1899	....	N. J.	.....	1,000,000	2,000,000 (7)	1,750,000 (5)
U. S. Flour Milling Co. (24 big mills)	1899	....	N. J.	.....	3,500,000	5,000,000 (6)	7,500,000 (6)
U. S. Glass Co. (flint glass, not in National Glass Co.)	1891	....	Pa.	Pittsburgh	3,458,100	690,000	.....
U. S. Leather Co. (sole leather)	1893	....	N. J.	New York	62,854,600 (2)	62,254,600 (5)	5,280,000 (6)
U. S. Playing Card Co. (allied with 3 other companies)	1893	....	.....	Cincinnati	3,600,000	.....	.....
U. S. Rubber Co. (boot and shoe output)	1892	....	N. J.	New York	23,666,000 (4)	23,525,500 (8)	5,000,000 (5)
U. S. Varnish Co. (all in United States)	1899	....	N. J.	.....	18,000,000	18,000,000	.....
U. S. Worsted Co. (19 largest mills)	1899	....	N. J.	Philadelphia	20,000,000	16,000,000 (7)	.....
Vermont Marble Co.	1880	....	N. Y.	New York	3,000,000	.....	680,000
Virginia-Carolina Chemical Co. (27 fertilizing factories)	1895	1898	.....	.....	8,963,900 (4)	9,685,000 (8)	.....
Virginia Iron, Coal & Coke Co.	1899	....	.....	Bristol	8,425,000	.....	8,425,000 (5)
Welsbach Commercial Co. (3 cos.)	1895	....	.....	New York	3,500,000	3,500,000 (7)	.....
Western Union Telegraph (consol. with other companies 1881, 1887, and 1894)	1851	1856	N. Y.	New York	97,370,000 (5)	.....	15,356,282 (5, 6, 7)
Westinghouse Air-Brake Co. (consolidated Am. & Boy. companies in 1898).	1889	....	Pa.	Pittsburgh	10,950,000 (25)	.....	.....
Westinghouse Electric and Manufacturing Co. (pools with General Electric)	1872	1891	Pa.	Pittsburgh	9,463,150	3,996,750 (7)	4,350,000 (5)
Wheeling Consolidated Coal Co. (consolidated 4 bituminous coal mines)	1899	....	W. Va.	.....	5 000,000	.....	.....

(These references apply to the three preceding pages.)

*Trust, as popularly understood means a consolidation, combine, pool, or agreement of two or more naturally competing concerns, which establishes a limited monopoly with power to fix prices or rates in any industry or group of industries. Only the more important or perfect trusts are contained in this list, over 500 are known to exist.

Natural monopolies, such as railroads, street railways, gas, electric light, and water companies, are not classed as trusts because they are not composed of naturally competing concerns. Consolidations and price and rate-fixing agreements in these industries exist in nearly every city in the country.

† The amount of stock issued is taken when known; when not known the amount authorized is given.

‡ If the trust is old enough to have had a dividend period the dividend given is for the last calendar or fiscal year, unless it is marked (a), (b), (c), (d), (e), (f), or (g), in which case it was last paid in the year 1897, 1896, 1895, 1894, 1893, 1892, or 1891, respectively.

II.—SIXTY-FIVE PRINCIPAL UNINCORPORATED TRUSTS.*

Present Name of Trust.†	When Formed.‡	Location Principal Office.	Capital.§
Am. Knit Underwear Ass'n (45 mills in New York)	1899	.....	$15,000,000
Am'tion Mfrs. Ass'n (cartridges)	1883	New York..	4,000,000
Anthracite Coal Trust (a few companies fix prices)	1892	.....	150,000,000
Associate Wine Dealers (ag'm't with Cal. Winemakers' Co.)	1899	San Fran...	5,000,000
Atlantic Passenger Steamship Pool (renewed in 1899)	1899	.....	100,000,000
Bessemer Ore Association	1890	Cleveland..	20,000,000
Bolt & Nut Ass'n (several ass'ns carriage, stoves, tire, etc.)	1868	.....	10,000,000
Belting Mfrs. Ass'n (fix prices, 33 firms, 12 different States)	....	.....	2,000,000
Broom Mfrs.' Ass'n of U. S. (60 mfrs., exp'd Oct. 14, renewed)	1892	Chicago....	5,000,000
Box Board Mfrs.' Ass'n (pulp board, prices)	1899	.....	2,000,000
Broom Twine (selling combine)	1898	.....	500,000
Buggy-body and Carriage-body Makers	1899	.....	4,000,000
California Raisin Growers' Ass'n (2,000 growers, 60 packing h.)	1898	Fresno.....	5,000,000
Beef Trust (several big cos.)	1890	.....	100,000,000
Cedar Shingles Mfrs.' Ass'n, Washington (limits produc'n)	1898	.....	5,000,000
Central Lumber Co. of Califor'a	1896	.....	70,000,000
Chemical Combine (pharmaceutical manufacturers)	1890	.....	50,000,000
Chicago & Northw. Granaries Co. (agreements with other cos.)	1896	Chicago....	2,200,000
Columbia River Canneries Co. (fish packers)	1898	Portland...	2,000,000
Commercial Chem. Co. of U. S. (Paris green selling agency)	1898	New York..	2,000,000
Copper Sheets & Bolts Mfrs.'As.	1898	Pittsburgh..	5,000,000
Derby Hat Pool (4 big companies sell together)	1899	.....	3,000,000
Dynamite Pool (3 big Cal. cos.)	1897	San Fran...	2,000,000
Fruit Desp. Co. (fruit sell. ag'y)	....	.....	5,000,000
Electrotypers, N.Y. City & vic.	1897	New York..	5,000,000
Grain Elevators on Great Lakes (10 or more companies pool)	....	.....	10,000,000
Grape Growers' Pool (agree on prices, Northern Ohio)	1898	.....	2,000,000
Georgia Saw Mill Ass'n (lumbermen of S. Car. and Florida)	....	.....	5,000,000
Hot-Air Furnace Mfrs.' Ass'n	....	Pittsburgh..	5,000,000
Linen Thread Co. (selling agency for 3 companies)	1898	Paterson....	4,000,000
Lake Carriers' Ass'n (3 lines, pool prices)	1898	.....	20,000,000
Lumber Dealers of Texas (combine on prices)	....	.....	5,000,000
Mfrs.' Paper Co. of Chicago (sell'g agency for many mills)	1898	.....	$10,000,000
Mach. Silk & Sewing Silk Ass'n	....	.....	3,000,000
Maple Flooring (Mfrs. Ass'n)	1898	.....	2,000,000
Michigan Salt Ass'n (renews every 5 years)	1876	.....	4,000,000
Miss. Riv. Steamb. Pool (3 cos.)	1898	.....	10,000,000
National Ass'n of Axle Mfrs.	1895	Pittsburgh..	5,000,000
Nat. Ass'n of Chamber Suits and Case Mfrs. (90 p. c. of mfrs.)	....	.....	10,000,000
National Dining Table Ass'n (39 firms)	1899	Chicago....	4,000,000
National Hay Ass'n (500 firms fix prices)	1893	.....	20,000,000
Nat. Mirror Mfrs.' Ass'n (40 cos.)	1898	.....	5,000,000
Nat. Boot and Shoe Mfg. Ass'n (95 manufacturers)	1899	.....	20,000,000
New England Ins. Exchange (84 fire insurance companies) a	1883	Boston.....	58,537,167
N. Carolina Pine Timber Ass'n.	....	.....	20,000,000
Northw'n Plow & Impl't Ass'n.	....	.....	10,000,000
Oilcloth Pool (table, en'm'd, etc.)	1887	.....	1,500,000
Print Cloth Pool (30 mills fix prices)	1898	.....	50,000,000
Puget Sound Packers' Ass'n (8 big salmon packers)	1899	Seattle.....	1,000,000
Shot and Lead Mfrs.' Ass'n (fixes prices)	1890	.....	2,000,000
Shovel Makers of U. S. and Can. (international agreement)	....	.....	6,000,000
Soapmakers' Combination (most of the big Western cos.)	1899	.....	50,000,000
Southern Yarn & Hosiery Ass'n (18 largest mills)	1899	.....	6,000,000
Steel Beams Ass'n (fixes prices)	1888	Pittsburgh..	20,000,000
Steel Rail Mfrs.' Ass'n (all big companies agree)	1884	.....	50,000,000
Straw Wrap'g Paper Mfrs.' Ass'n	....	.....	4,000,000
Theatrical Trust (50 big ones working together)	1898	.....	30,000,000
Toilet Soap Manufacturers	1899	.....	3,000,000
U. S. Eaves Trough and Conductor Pipe Association	1897	Pittsburgh..	2,000,000
U. S. Paper Bag Mfrs. Ass'n (10 concerns not in U. B. & P. Co.)	1899	.....	4,000,000
Western Elevator Ass'n (40 leading in Buffalo)	1897	Buffalo.....	15,000,000
Wholesale Druggists' National Ass'n (25 firms) b	1874	Phil'd'lphia	25,000,000
Wholesale Grocers of New Eng. c	1875	Boston.....	75,000,000
Window Shade Mfrs.' Ass'n (nearly all in United States)	1896	.....	2,000,000
Wire Cloth Mfrs.' Ass'n of America (12 firms)	1899	.....	5,000,000

* These trusts consist of price and rate-fixing agreements, profit-sharing pools, selling or buying agencies, product-restricting agreements, etc. The number of such trusts is very great. They exist in nearly every industry, and in nearly every State and city. A few of those given may be incorporated.

† Many of these trusts have no specific names.

‡ Some of these trusts have been operative for many years. Some are renewed periodically, as the Michigan Salt Association every five years. Some are ineffective a part of the time because of disagreements. Some, like the Paris Green Combine, are effective for only a few months in a year, and do not reappear every year.

§ The capital of the allied concerns is usually estimated. In such cases as the Anthracite Coal and Steel Rail trusts only such part of the capital of the allied concerns is taken as is believed to be devoted to the particular industry considered.

(a) Similar fire insurance associations for fixing rates, terms, conditions, etc., exist in all sections of the country and in most States and cities. They are nominally inactive in several States with strong "anti-compact" laws. The combined capital of the insurance companies working more or less harmoniously together is about $80,000,000.

(b) This association maintains prices of proprietary medicines by refusing to handle goods sold to wholesalers who cut prices. Similar local associations of jobbers and retailers regulate prices of most leading articles in States, counties, and cities.

(c) Wholesale grocers' associations exist everywhere. By means of rebates, etc., they assist manufacturers of sugar, starch, baking powder, and of many other leading articles in maintaining uniform prices.

National Party Platforms of 1896.

DEMOCRATIC AND REPUBLICAN PLATFORMS ON THE QUESTIONS OF THE CURRENCY, THE TARIFF, TRUSTS, AND OUR FOREIGN POLICY.

FROM THE PLATFORM OF THE DEMOCRATIC PARTY. ADOPTED AT CHICAGO, JULY 9.

The Money Question.—Recognizing that the money question is paramount to all others at this time, we invite attention to the fact that the Constitution names silver and gold together as the money metals of the United States, and that the first coinage law passed by Congress under the Constitution made the silver dollar the money unit of value and admitted gold to free coinage at a ratio based upon the silver dollar unit.

Demonetization Act of 1873 Condemned.—We declare that the act of 1873 demonetizing silver without the knowledge or approval of the American people has resulted in the appreciation of gold and a corresponding fall in the prices of commodities produced by the people; a heavy increase in the burden of taxation and of all debts, public and private; the enrichment of the money-lending class at home and abroad; the prostration of industry and impoverishment of the people.

Opposed to Gold Monometallism.—We are unalterably opposed to monometallism which has locked fast the prosperity of an industrial people in the paralysis of hard times. Gold monometallism is a British policy, and its adoption has brought other nations into financial servitude to London. It is not only un-American, but anti-American, and it can be fastened on the United States only by the stifling of that indomitable spirit and love of liberty which proclaimed our political independence in 1776 and won it in the War of the Revolution.

Free Silver Coinage.—We demand the free and unlimited coinage of both silver and gold at the present legal ratio of 16 to 1 without waiting for the aid or consent of any other nation. We demand that the standard silver dollar shall be a full legal tender equally with gold for all debts, public and private, and we favor such legislation as will prevent for the future the demonetization of any kind of legal tender money by private contract.

The Tariff.—We hold that tariff duties should be levied for purposes of revenue, such duties to be so adjusted as to operate equally throughout the country and not discriminate between class or section, and that taxation should be limited by the needs of the Government, honestly and economically administered. We denounce as disturbing to business the Republican threat to restore the McKinley law, which has twice been condemned by the people in National elections, and which, enacted under the false plea of protection to home industry, proved a prolific breeder of trusts and monopolies, enriched the few at the expense of the many, restricted trade, and deprived the producers of the great American staples of access to their natural markets.

Trusts and Pools.—The absorption of wealth by the few, the consolidation of our leading railroad systems, and the formation of trusts and pools require a stricter control by the Federal Government of those arteries of commerce. We demand the enlargement of the powers of the Interstate Commerce Commission and such restrictions and guarantees in the control of railroads as will protect the people from robbery and oppression.

The Monroe Doctrine.—The Monroe doctrine, as originally declared and as interpreted by succeeding Presidents, is a permanent part of the foreign policy of the United States, and must at all times be maintained.

FROM THE PLATFORM OF THE REPUBLICAN PARTY. ADOPTED AT ST. LOUIS, JUNE 18.

The Currency Question.—The Republican party is unreservedly for sound money. It caused the enactment of the law providing for the resumption of specie payments in 1879; since then every dollar has been as good as gold. We are unalterably opposed to every measure calculated to debase our currency or impair the credit of our country. We are therefore opposed to the free coinage of silver except by international agreement with the leading commercial nations of the world, which we pledge ourselves to promote, and until such agreement can be obtained the existing gold standard must be preserved. All our silver and paper currency must be maintained at parity with gold, and we favor all measures designed to maintain inviolably the obligations of the United States, and all our money at the present standard, the standard of the most enlightened nations of the earth.

The Tariff.—We renew and emphasize our allegiance to the policy of protection as the bulwark of American industrial independence and the foundation of American development and prosperity. This true American policy taxes foreign products and encourages home industry; it puts the burden of revenue on foreign goods; it secures the American market for the American producer; it upholds the American standard of wages for the American workingman; it puts the factory by the side of the farm and makes the American farmer less dependent on foreign demand and price; it diffuses general thrift and founds the strength of all on the strength of each. In its reasonable application it is just, fair, and impartial, equally opposed to foreign control and domestic monopoly, to sectional discrimination, and individual favoritism.

We denounce the present Democratic tariff as sectional, injurious to the public credit, and destructive to business enterprise. We demand such an equitable tariff on foreign imports which come into competition with American products as will not only furnish adequate revenue for the necessary expenses of the Government, but will protect American labor from degradation to the wage level of other lands. We are not pledged to any particular schedules. The question of rates is a practical question, to be governed by the conditions of the time and of production; the ruling and uncompromising principle is the protection and development of American labor and industry. The country demands a right settlement, and then it wants rest.

The Monroe Doctrine.—We reassert the Monroe doctrine in its full extent, and we reaffirm the right of the United States to give the doctrine effect by responding to the appeal of any American States for friendly intervention in case of European encroachment. We have not interfered, and shall not interfere, with the existing possessions of any European power in this hemisphere, but these possessions must not, on any pretext, be extended. We hopefully look forward to the eventual withdrawal of the European powers from this hemisphere, and to the ultimate union of all of the English-speaking part of the continent by the free consent of its inhabitants.

Foreign Relations.—Our foreign policy should be at all times firm, vigorous, and dignified, and all our interests in the Western Hemisphere carefully watched and guarded. The Hawaiian Islands should be controlled by the United States, and no foreign power should be permitted to interfere with them; the Nicaraguan Canal should be built, owned, and operated by the United States, and by purchase of the Danish Islands we would secure a much-needed naval station in the West Indies.

[The entire platforms of all the political parties, adopted in 1896, were printed in THE WORLD ALMANAC for 1897.]

Party Platforms on National Issues in 1899.

RESOLUTIONS ADOPTED BY POLITICAL STATE CONVENTIONS LAST YEAR DEFINING THEIR POSITION ON NATIONAL ISSUES, GROUPED BY TOPICS.

THE CURRENCY.

DEMOCRATIC CONVENTIONS.

Iowa.—We, the Democrats of Iowa, in convention assembled, unqualifiedly and unreservedly indorse the Chicago platform of 1896 in whole and in detail, and declare our unwavering fidelity and adherence to the same.

Kentucky.—The Democrats of Kentucky, in convention assembled, reaffirm, without the slightest qualification, the principles and policies declared in the Democratic National platform, adopted at Chicago in 1896. Our faith in bimetallism is vindicated by events. * * * The present legal ratio of 16 to 1 is the only ratio at which bimetallism can be restored, and opposition to it is confined to those who oppose bimetallism at any ratio and to those who misapprehend or ignore the reasons which led three National conventions to adopt it.

Massachusetts.—Particularly do we reiterate our belief in the financial plank of the Chicago platform, and renew our demand for the free and unlimited coinage of both gold and silver at the ratio of 16 to 1.

Nebraska.—The present legal ratio of 16 to 1 is the natural and necessary ratio, and the opponents of that ratio have nothing to offer in its place but the evasive and ambiguous phraseology which for years furnished to the gold-standard advocates a mask behind which to hide while they secretly labored to make gold monometallism permanent.

Ohio.—We heartily reaffirm the entire Chicago platform of 1896, and we especially emphasize the financial plank therein, and we continue to demand the free and unlimited coinage of silver and gold as equal in primary money at the rate of 16 to 1, independent of all other nations in the world.

REPUBLICAN CONVENTIONS.

Iowa.—We readopt the following declaration from the Iowa Republican platform of 1898: "The monetary standard of this country and the commercial world is gold. The permanence of this standard must be assured by Congressional legislation giving to it the validity and vitality of public law All other money must be kept at a parity with gold." And we urgently call upon our Senators and Representatives in Congress to lend their best endeavors to enact these propositions into law.

Kentucky.—We reaffirm our adherence to the principles and policies proclaimed by the last National Republican Convention, except as to the civil service. We regard it as settled beyond dispute that the maintenance of a sound currency through the Republican Administration and legislation is the foundation upon which rests the most remarkable period of industrial progress, commercial activity, and general prosperity within the experience of the people of the United States.

Maryland.—We believe in the gold standard, and that all our currency should be made by law redeemable in gold coin at the option of the holder.

Massachusetts.—The Republican party stands unreservedly pledged to maintain the existing gold standard, and we look with confidence to the Fifty-sixth Congress for the enactment of measures to so perfect our monetary system that there shall be ample money for the expanding business of the country, and to so arm and guard the Treasury that it can at all times protect the National credit.

Nebraska.—We adhere unequivocally to the gold standard, and are unalterably opposed to the free coinage of silver Gold has been our standard since 1834, and is now the standard of every civilized and important country in the world.

Ohio.—The Republican party of Ohio reaffirms the principles declared by the St. Louis platform, * * * William McKinley, * * * the wise and patriotic defender and advocate of honest money.

Pennsylvania.—We reaffirm the principles of our party declared in the National platform by the St. Louis Convention. The Republican party of Pennsylvania stands unequivocally and unreservedly for sound money, and favors a currency with which to pay the wages of labor and the earnings of capital, the soldier, and pensioner as good as gold the world over. To further these ends we believe in maintaining the existing gold standard, and are unalterably opposed to the free coinage of silver at the ratio of 16 to 1.

PROTECTION.

DEMOCRATIC CONVENTIONS.

Iowa.—We demand that they (the trusts) be suppressed by the repeal of the protective tariff and other privilege-conferring legislation responsible for them.

Kentucky.—We denounce * * * the protective tariff laws, known as the McKinley and Dingley bills, whereby there is a discrimination in favor of corporate wealth and against individual enterprise.

REPUBLICAN CONVENTIONS.

Iowa.—We commend the action of the Iowa delegation in Congress in its support of protection, of the Dingley tariff, of the maintenance of the gold standard, and in its faithful support of the Administration of President McKinley in his policy in peace and war.

Maryland.—We continue to favor such a system of import duties as shall protect American industries and provide sufficient revenue for the expenses of Government, economically administered.

Massachusetts.—A tariff law has been enacted abundantly adequate to meet the expenses of the Government on a peace footing and so adjusted in its relations to our foreign and domestic trade that it has already lifted the country into a state of industrial activity and prosperity without precedent in our history, or parallel in the world.

Pennsylvania.—We renew and emphasize our allegiance to the policy of protection, which is the bulwark of our industrial development and the foundation of the prosperity of our country. We cordially indorse and heartily approve the wise course pursued by our representatives in Congress in the enactment of the Dingley tariff law.

TRUSTS.

DEMOCRATIC CONVENTIONS.

Iowa.—We view with alarm the multiplication of those combinations of capital commonly known as trusts, that are concentrating and monopolizing industry, crushing out independent producers of limited means, destroying competition restricting opportunities for labor, artificially limiting production and raising prices, and creating an industrial condition different from state socialism only in the respect that under socialism the benefits of production would go to all, while under the trust system they go to increase the fortune of these institutions. * * * It is our solemn conviction that the trusts must be destroyed or they will destroy free government, and we demand that they be suppressed by the repeal of the protective tariff and other privilege-conferring legislation responsible for them and by the enactment of such legislation, State and National, as will aid in their destruction.

Kentucky.—We believe the trust is the result, in large measure, of the policies adopted and pursued by the Republican party, chief among which are the demonetization of silver, by which the volume of currency has been kept below the demands of business, and the enactment and enforcement of vicious, unwise, and unpatriotic legislation, such as the protective tariff laws, known as the McKinley and Dingley bills whereby there is a discrimination in favor of corporate wealth and against individual enterprise. We favor the destruction of the result as well as the removal of the causes. The re-establishment of independent bimetallism at 16 to 1, and the repeal of all protective tariff laws would do more to cripple and destroy the organization and operation of the trusts than any other laws.

Maryland.—We view with alarm the multiplication over the land of such gigantic industrial and commercial trusts, the outgrowth of Republican legislation, as stifle competition, threaten popular government, increase the cost of living, and curtail the individual rights of the people, and we favor vigorous measures by the States and by Congress to repress this great and growing evil.

Massachusetts.—We pledge ourselves to give due trial to such remedies as may hasten the disintegration of trusts—for example, a compulsory system of publicity for all trust records and accounts, a Federal law prohibiting a monopoly from making more divergent prices for its products in different parts of the country than are warranted by differing freight rates, thus preventing underselling in one State to drive out competitors at the expense of the consumer in other States, where the monopoly is complete, and a more rigid enforcement of the law against railroad discriminations, pending the actual government ownership and operation of all railroads, which this convention demands.

Nebraska.—The industrial trusts springing up on every hand testify to the Administration's indifference to monopoly or its inability to cope with it. We denounce the failure of the Administration to enforce the present law against trusts or to recommend new laws if the present law is deemed insufficient. We are opposed to the principle of monopoly wherever it manifests itself. We demand the enforcement of the present Federal law the enactment of such new legislation as may be necessary, and a constitutional amendment if the present Constitution is construed to protect trusts, to the end that the monopolization of industry by private corporations may be absolutely prevented.

Ohio.—We declare that all unlawful combinations of capital are the legitimate fruits of a gold standard and other corrupt Republican legislation on questions of the tariff, and we demand that all articles the prices of which are controlled by the trusts be placed on the free lists.

Pennsylvania.—We are opposed to all combinations of capital calculated to produce monopoly, or restrain trade, as being inconsistent with the spirit of free institutions; and if their establishment cannot be constitutionally prevented, we hold that they should be so regulated and limited by proper legislation that individual effort and opportunity shall not be impaired.

REPUBLICAN CONVENTIONS.

Iowa.—To maintain the welfare of the people is the object of all governments. Industry and commerce should be left free to pursue their method according to the natural laws of the world, but when the business aggregations known as trusts prove hurtful to the people they must be restrained by National laws, and if need be abolished.

Kentucky.—We pledge the Republican party of Kentucky to the enactment of all such laws as may be necessary to prevent trusts, pools, combinations, or other organizations from combining to depreciate below its real value or to enhance the cost of any article, or to reduce the proper emoluments of labor.

Maryland.—We strongly favor laws to successfully suppress trusts and all combinations which create monopoly. It was the Republican party which passed the Federal law against trusts, and which is enforcing it so far as States' rights permit.

Massachusetts.—The Republican party of Massachusetts is unqualifiedly opposed to trusts and monopoly, and the capitalization of fictitious and speculative valuations, and reiterates its declaration in the platform of 1894 against stock-watering in all forms, and points to the existing legislation, and especially to the anti-stock-watering laws of that year passed by a Republican Legislature and signed by a Republican Governor, as proof of its progress, sincerity wisdom, and courage upon this issue. It believes that similar laws enacted by all the States in connection with the Federal Trust law already passed by a Republican Congress would put an end to the danger from the growth of great combinations and trusts.

Nebraska.—The Republican party now, as always, opposes trusts and combinations having for their purpose the stifling of competition and arbitrarily controlling production or fixing prices, but we also recognize that legitimate business interests, fairly capitalized and honestly managed, have built up our industries at home, given the largest employment to labor at the highest wage, and have enabled us to successfully compete with foreign countries in the markets of the world.

Ohio.—We commend the action of the Seventy-third General Assembly of Ohio in passing the stringent law now on our statute books, prohibiting the organization of trusts, and we denounce such unlawful combinations as inimical to the interests of the people.

MILITARISM—NATIONAL EXPANSION—THE PHILIPPINE WAR.

DEMOCRATIC CONVENTIONS.

Iowa.—We also condemn the war against the Philippines, believing it to have been inspired by Great Britain for the purpose of producing conditions that will force an Anglo-American alliance. And we not only protest against the war and demand its termination by extension to the Filipinos of the same assurance given to the Cubans, but we record our deep-seated antagonism to an alliance

with Great Britain or any other European power, and express our detestation of the attempts made in British interests to disrupt the friendly relations which have uniformly obtained between the United States and Germany. We oppose conquest of the Philippines, because imperialism means militarism, because militarism means government by force, and because government by force means death to government by consent, destruction of political and industrial freedom, the obliteration of the equality of rights and the assassination of democratic institutions.

Kentucky.—We declare the conduct of the present National Administration as to the Philippines to be repugnant to every line of the Bill of Rights, the Constitution, and the Declaration of Independence.

Maryland.—We declare our unalterable opposition to the creation and maintenance of a large standing army in time of peace, and we insist upon the supremacy of the civil over the military authority.

Massachusetts.—To the war with Spain—a war rightly waged in the cause of humanity, and which was forced upon an unwilling Republican Administration by the insistence of the Democrats in House and Senate—there has succeeded a war of criminal aggression in the Philippines. We hold that this war is wanton and needless. It is in violation of the principles of American constitutional liberty, not only because it is prosecuted by the Administration without the Congressional action which the Constitution prescribes, but because it is a denial of that right of self-government which, from the day our forefathers faced the British at Concord Bridge, has been a cardinal precept of American political philosophy, until now William McKinley, with the applause and overt sympathy of the British Government, has discarded it. We demand that of the Philippines as well as of the Cubans it shall be said to-day that they are and of right ought to be free and independent, and we hold that such a declaration, coupled with the expression of the purpose of the United States to protect the islands from the assaults of any foreign power, would speedily restore order, purge our National honor of the stain put upon it by injustice and bad faith, and advance American trade in the far East. Back of the gaudy trappings of imperialism lurks the less spectacular but more terrifying form of militarism. Against a great standing army the Democracy, both of State and nation, has resolutely set its face, but in the reiterated demands for more and more troops to subdue the Tagalos may be detected the purpose to have ultimately more soldiers to employ at home.

Nebraska.—We believe the Filipinos should have received the same treatment as the Cubans, and that, as the Cubans were assured of ultimate independence and protection, so the Filipinos should have been assured in the beginning of our nation's intention to give them independence as soon as a stable government should be established, and protection from outside interference. Such assurances should be given now.

Ohio.—We are radically and unalterably opposed to imperialism in the United States of America. When we have solved some of the race problems that confront us at home, then by example we can proclaim the blessings that flow from free institutions, and thus procure "benevolent assimilation" without "criminal aggression." * * * We demand that the Cubans and Filipinos not only be permitted but encouraged to establish independent republics, deriving all of their governmental powers from the consent of the governed. * * * A large standing army in our republic is a menace to liberty.

REPUBLICAN CONVENTIONS.

Iowa.—There shall be no division among us until all in arms against the flag shall confess the flag's supreme rights and honor and shall know that even in the farthest East it is the sign and promise of equal law, of justice and liberty throughout the land and to all the inhabitants thereof.

Kentucky.—We declare our confidence in the policies adopted and the measures taken by the President to restore order and to establish progressive government in Cuba, Porto Rico, and the Philippines, and we pledge him our continuous support until these objects are fully attained.

Maryland.—While we deplore the insurrection in the Philippine Islands, wherein by cession from Spain we acquired the right of sovereignty duty demands that we retain and pacify them, and safeguard the interests of commerce until the problem of their final disposition be solved in such manner that the glory of our flag be not sullied nor the liberty it stands for restrained.

Massachusetts.—We commend the tact, the patience, the skill, and the statesmanlike spirit with which the President has approached the perplexing problems arising from the war. Under the treaty with Spain, the law of nations put upon the United States the responsibility for the peace and security of life and property, the well-being and the future government of the Philippine Islands; accepting this responsibility it is our profound trust that the present hostilities can be brought to an early termination, and that Congress, guided by a wise and patriotic Administration, will establish and maintain in those islands, hitherto the home of tyrants, a government as free, as liberal, and as progressive as our own, in accordance with the sacred principles of liberty and self-government upon which the American Republic so securely rests.

Nebraska.—While we deplore the insurrection in the Philippine Islands, yet we recognize the duties and obligations imposed upon our nation by the victory of our navy and the matchless valor of our arms, resulting in the treaty of Paris, which imposed upon the President the duty of maintaining the authority of the United States over the territory acquired thereby, and so long as there is one gun pointed at an American soldier, so long as there is an armed enemy assaulting our flag, so long must patriotic and loyal Americans uphold our President in effecting protection, tranquillity, and peace to all who recognize our lawful occupation.

Ohio.—To the same master guidance, controlled by the great principles that have shaped the high destiny of the Republican party from Lincoln to McKinley, the people can safely commit the solution of the momentous problems of the future of Cuba, Porto Rico, and the Philippine Islands. Their wise solution will vastly increase our foreign trade, spread American civilization abroad, and add to the honor and power and glory of this great nation.

Pennsylvania.—We promise him (the President) our faithful support in the prosecution of the war in the Philippines, in order that the supremacy of the flag planted there by the valor of our army and navy may be maintained. To give continued employment to the industry, ingenuity, and skill of the American mechanic and laborer we must find new markets abroad for our surplus products. The commercial control of additional territory will afford new markets which will necessarily increase our commerce and develop our manufacturing interests. We have ceased to be content with supplying products for home consumption alone. We must keep pace with other nations in seeking new fields for our commerce, and to this end we support the policy of industrial, commercial, and National expansion.

Political Record of 1899.

Jan. 11. Chief Justice Jonathan Ross was appointed United States Senator from Vermont to fill vacancy caused by the death of Justin S. Morrill.

Jan. 11. Connecticut Republican Legislative Caucus nominated Joseph R. Hawley for Senator, the ninth ballot being: Hawley, 117; Fessenden, 69; Bulkeley, 8; Russell, 4.

Jan. 17. Maine Legislature re-elected Eugene Hale, Republican, Senator, the ballot being: Hale, 111; Samuel L. Lord, Dem., 15.

Jan. 17. Connecticut Legislature re-elected Joseph R. Hawley, Republican, Senator, the ballot being: Hawley, 178; Daniel N. Morgan, Dem., 57.

Jan. 17. Minnesota Legislature re-elected Cushman K. Davis, Republican, Senator, the ballot being: Davis, 116; Charles A. Towne, Dem., 62.

Jan. 17. Massachusetts Legislature re-elected Henry Cabot Lodge, Republican, Senator, the ballot being: Lodge, 190; A. S. Bruce, Dem., 72.

Jan. 17. New York Legislature elected Chauncey M. Depew, Republican, Senator, the ballot being: Depew, 111; Edward Murphy, Jr., 83.

Jan. 18. Indiana Legislature elected A. J. Beveridge, Republican, Senator.

Jan. 18. Missouri Legislature re-elected Francis M. Cockrell, Democrat, Senator.

Jan. 18. Michigan Legislature re-elected Julius C. Burrows, Republican, Senator, the ballot being: Burrows, 110; Daniel J. Campau, Dem., 13.

Jan. 24. Nevada Legislature re-elected William M. Stewart, Silverite, Senator, his vote on joint ballot being 24. A. A. Cleveland received 6 and W. W. Williams 10.

Jan. 24. New Jersey Legislature elected John Kean, Republican, Senator, the ballot being: Kean, 51; James Smith, Jr., Dem., 29.

Jan. 24. Wyoming Legislature re-elected Clarence D. Clark, Republican, Senator, the ballot being: Clark, 47; J. E. Osborn, Dem., 8.

Jan. 25. West Virginia Legislature elected Nathan B. Scott, Republican, Senator, the ballot being: Scott, 48; McGraw, Dem., 46; Goff, Rep., 1.

Jan. 25. Texas Legislature elected Charles A. Culberson, Democrat, Senator without opposition.

Jan. 28. Montana Legislature elected William A. Clark, Democrat, Senator, the seventeenth and last ballot being: Clark, 54; Conrad, Rep., 27; Marshall, Rep., 4. Eleven Republicans voted for Clark.

Jan. 31. Wisconsin Legislature elected Joseph V. Quarles, Republican, Senator over Timothy E. Ryan, Democrat.

Feb. 1. Washington State Legislature elected Addison G. Foster, Republican, Senator.

March 1. Michigan Republican State Convention at Jackson nominated candidates for Judiciary and University Regents.

March 8. Michigan Democratic State Convention at Kalamazoo nominated candidates for Supreme Court Justice and University Regents. Ballot for Justice: Thomas E. Barkworth, 445; Allan B. Morse, 327.

March 8. Nebraska Legislature elected Monroe L. Hayward, Republican, Senator, the ballot being: Hayward, 74; W. V. Allen, Dem. and Pop., 58.

March 10. Utah Legislature adjourned without electing a Senator. The last ballot was: McCune, 20; George Q. Cannon, 19; F. J. Cannon, 7; King, 4; J. H. Moyle, 4; Powers, 4; Nebeker, 1; Sutherland, 2.

March 13. Delaware Legislature adjourned without electing a Senator after 113 ballots, the last being: Addicks, Union Rep., 21; Du Pont, Rep., 9; Biggs, Dem., 6; Handy, Dem., 5; Gray, Dem., 4; Saulsbury, Dem., 3; Higgins, Rep., 2.

March 19. California Legislature adjourned without electing a United States Senator.

April 3. Michigan State election for Supreme Court Justice and University Regents was carried by the Republicans.

April 4. Wisconsin State election for Judiciary. The only candidates were non-partisan.

April 5. Rhode Island State election was carried by the Republicans.

April 19. Florida Legislature elected James P. Taliaferro, Democrat, Senator, the ballot being: Taliaferro, 59; Pasco, Dem., 30; Call, Dem., 6.

April 20. Pennsylvania Legislature adjourned without electing a Senator, the final ballot being: M. S. Quay, Rep., 93; George A. Jenks, Dem., 85; B. F. Jones, Ind. Rep., 69. Necessary to a choice, 124.

June 2. Ohio Republican State Convention at Columbus nominated a State ticket, with George K. Nash for Governor. He was nominated on second ballot: Nash, 289; Daugherty, 211; Jones, 76; Nevins, 82; Douglas, 60; Durban, 46; Hull, 39; Orr, 17.

June 15. Pennsylvania Democratic State Convention at Harrisburg nominated candidates for State Treasurer and two Judges.

June 28. Kentucky Democratic State Convention at Louisville nominated a State ticket, with William Goebel for Governor on the 26th ballot over Stone and Hardin.

July 13. Kentucky Republican State Convention at Lexington nominated a State ticket, with W. S. Taylor for Governor. He was nominated without opposition.

July 27. Kentucky Populist State Convention at Frankfort nominated a State ticket, with John G. Blair for Governor. Wharton Barker, of Pennsylvania, was indorsed for President.

Aug. 2. Iowa Republican State Convention at Des Moines nominated a State ticket, with L. M. Shaw (without opposition) for Governor.

Aug. 2. Maryland Democratic State Convention at Baltimore nominated a State ticket, with John Walter Smith for Governor by acclamation.

Aug. 16. Kentucky Democrats opposed to William Goebel met at Lexington and nominated John Young Brown for Governor.

Aug. 16. Iowa Democratic State Convention at Des Moines nominated a State ticket, with Fred. E. White for Governor. The ballot for Governor was: White, 740½; Sells, 192; Daugherty, 106; Bashor, 84½; Daly, 30; Genung, 13 The ticket was indorsed by the Populists.

Aug. 22. Nebraska Democratic State Convention at Omaha nominated S. A. Holcomb for Supreme Court Judge by acclamation. The ticket was indorsed by the Populists and Silver Republicans.

Aug. 24. Pennsylvania Republican Convention at Harrisburg was controlled by ex-Senator Quay, and nominated candidates for State Treasurer and Judges.

Aug. 24. Mississippi Democratic State Convention at Jackson nominated a State ticket, with A. H. Longino for Govenor.

Aug. 30. Ohio Democratic State Convention at Zanesville nominated a State ticket, with John R. McLean for Governor. He was nominated on first ballot, which was: McLean, 402½; Kilbourne, 227; Sherwood, 57; Haskell, 55; Rice, 29½; Seward, 25.

Sept. 6. Maryland Republican State Convention at Baltimore nominated a State ticket, with Lloyd Lowndes for Governor.

Sept. 21. Massachusetts Democratic State Convention at Boston nominated a State ticket, with Robert Treat Paine (unanimously) for Governor.

Sept. 21. Nebraska Republican State Convention at Omaha nominated M. B. Reese for Supreme Court Judge on the first ballot.

Oct. 6. Massachusetts Republican State Convention at Boston nominated a State ticket, with Winthrop M. Crane for Governor by acclamation.

Nov. 7. State officers were elected by the Republicans in Iowa, Massachusetts, Ohio, Pennsylvania, and South Dakota; by the Democrats in Maryland and Mississippi, and by the Fusionists in Nebraska. The result was divided in Kentucky. Republican Legislatures were elected in New York and New Jersey, and a Democratic Legislature in Virginia. The City of New York was carried by the Democrats by 50,000 majority.

Democratic National and State Committees.

DEMOCRATIC NATIONAL COMMITTEE.

Appointed by the Democratic National Convention at Chicago, July, 1896, with Revisions to Date

Chairman	JAMES K. JONES.	Wash'gt'n, Ark.
Secretary	C A. Walsh	Ottumwa, Ia.
Treasurer	James L. Norris	Wash'gt'n, D.C.
Alabama	Henry D. Clayton	Eufaula.
Alaska	Chas. D. Rogers	Sitka.
Arizona	W. H. Burbage	Holbrook.
Arkansas	Thomas C. McRae	Prescott.
California	J. J. Dwyer	San Francisco.
Colorado	Adair Wilson	Durango.
Connecticut	Alexander Troup	New Haven.
Delaware	Richard R. Kenney	Dover.
Dis. of Columbia	(Vacant by death).	
Florida	Samuel Pasco	Monticello.
Georgia	Clark Howell, Jr.	Atlanta.
Idaho	George Ainslie	Boise.
Illinois	Thomas Gahan	Chicago.
Indiana	John G. Shanklin	Evansville.
Indian Territory	Thomas Marcum	Muscogee.
Iowa	C. A. Walsh	Ottumwa.
Kansas	J. G. Johnson	Peabody.
Kentucky	Urey Woodson	Owensboro.
Louisiana	N. C. Blanchard	Shreveport.
Maine	Seth C. Gordon	Portland.
Maryland	Arthur P. Gorman	Laurel.
Massachusetts	Geo. Fred Williams	Dedham.
Michigan	D. J. Campau	Detroit.
Minnesota	T. D. O'Brien	St. Paul.
Mississippi	W. V Sullivan	Oxford.
Missouri	William J. Stone	St. Louis.
Montana	John J. McHatton	Butte.
Nebraska	W H. Thompson	Grand Island.
Nevada	Clayton Belknap	Virginia City.
New Hampshire	True L. Norris	Portsmouth.
New Jersey	Philip D. Baker	Vineland.
New Mexico	H. B. Fergusson	Albuquerque.
New York	Frank Campbell	Bath.
North Carolina	Josephus Daniels	Raleigh.
North Dakota	I. P Baker	Bismarck.
Ohio	John R. McLean	Cincinnati
Oklahoma	Whit M. Grant	Oklahoma City
Oregon	J H. Townsend	Dallas.
Pennsylvania	J. M. Guffey	Pittsburgh.
Rhode Island	Rich. B. Comstock	Providence.
South Carolina	B. R. Tillman	Trenton.
South Dakota	James M. Woods	Rapid City.
Tennessee	James M. Head	Nashville.
Texas	James G. Dudley	Paris
Utah	A. W. McCune	Salt Lake City.
Virginia	Peter J. Otey	Lynchburg.
Vermont	Bradley B. Smalley	Burlington.
Washington	Wm. H. White	Seattle.
West Virginia	John T. McGraw	Grafton.
Wisconsin	E. C. Wall	Milwaukee.
Wyoming	Wm. H. Holliday	Laramie.

DEMOCRATIC STATE COMMITTEES.

STATES.	Chairmen.	Post-Offices.	Secretaries.	Post-Offices.
Alabama	Robert J. Lowe	Birmingham	Nathan L. Miller	Birmingham.
Arizona	W. A. Rowe	Prescott	Reese M. Ling	Prescott.
Arkansas	Carroll Armstrong	Morrillton	Gray Carroll	Little Rock.
California	Seth Mann	San Francisco	Ben. M. Maddox	Visalia.
Colorado	Milton Smith	Denver	Rod. S. King	Denver.
Connecticut	M. B. Carey	Ridgefield	D. T. McNamara	New Haven.
Delaware	John Biggs	Wilmington	Edward D. Hearne	Georgetown.
Florida	W. A. Rawls	Tallahassee	John C. Cooper	Jacksonville.
Georgia	F. G. du Bignion	Savannah		
Idaho	John Hailey	Boise	Frank Martin	Boise.
Illinois	W. W. Watson	Mt. Vernon	F. E. Eldred	Chicago.
Indiana	Parks M. Martin	Spencer	A. H. Wampler	Gosport.
Iowa	Geo. A. Huffman	Des Moines	E. H. Bickford	Greenfield.
Kansas	J. M. Love	Arkansas City	W. H. L. Pepperell	Concordia.
Kentucky	P. P. Johnston	Lexington	R. O. Cochran	Normandy.
Louisiana	E. B. Kruttschnitt	New Orleans	R. S. Landry	New Orleans.
Maine	Geo. E. Hughes	Bath	Fred. E. Beane	Hallowell
Maryland	Murray Vandiver	Baltimore	Lloyd Wilkinson	Pocomoke City.
Massachusetts	Chris. T. Callahan	Holyoke	Wm. S. McNary	Boston.
Michigan	Daniel J. Campau	Detroit	Chas. S. Hampton	Petoskey.
Minnesota	L. A. Rosing	St. Paul	T. R. Kane	St. Paul.
Mississippi	H. L. Muldrow	Starkville	Sim Roane	Aberdeen.
Missouri	S. B. Cook	Mexico	Virgil Conkling	Carrollton.
Montana	Wm. M. Cockrell	Great Falls	David Marks	Helena.
Nebraska	James C. Dahlman	Omaha	Lee Herdman	Omaha.
Nevada	Charles Gulling	Reno	J. H. Dennis	Reno.
New Hampshire	John T. Amey	Lancaster	Henry W. George	Barnstead.
New Jersey	Wm. B. Gourley	Paterson	William K. Devereux	Asbury Park.
New Mexico	Chas. F. Easley	Santa Fé	A. B. Reneham	Santa Fé.
New York	Frank Campbell	Bath	John U. Carlisle	Watertown.
North Carolina	F. M. Simmons	Raleigh	John W. Thompson	Raleigh.
North Dakota	Thomas Kleinogel	Fargo	E. C. Carruth	Grand Forks.
Ohio	James P. Seward	Mansfield	Frank P. Edson	Van Wert.
Oklahoma	Jasper Sipes	Oklahoma City	Frank Stevens	Waukomis.
Oregon	R. S. Sheridan	Roseburg	W. J. D'Arcy	Salem.
Pennsylvania	John S. Rilling	Erie	J. W. Moyer	Pottsville.
Rhode Island	George W. Greene	Woonsocket	Patrick H. Quinn	River Point.
South Carolina	Wilie Jones	Columbia	U. X. Gunter, Jr.	Columbia.
South Dakota	John A. Bowler	Sioux Falls	Daniel J. Conway	Sioux Falls.
Tennessee	M. C. Fitzpatrick	Nashville	John S. Denton	Nashville.
Texas	C. K. Bell	Fort Worth	R. E. L Saner	Dallas.
Utah	James H. Moyle	Salt Lake City	J. M. Cohen	Salt Lake City.
Vermont	John H. Senter	Montpelier	C. A. G. Jackson	Montpelier.
Virginia	J. Taylor Ellyson	Richmond	Joseph Button	Walker's Ford.
Washington	H. T. Jones	Deep Creek	Thomas Malony	Spokane.
West Virginia	Andrew Edmiston	Weston	William A. Ohley	Charleston.
Wisconsin	George W Peck	Milwaukee	C. J. Noel	Marinette.
Wyoming	John A. Martin	Cheyenne	James M. Fenwick	Laramie.

Republican National and State Committees.

REPUBLICAN NATIONAL COMMITTEE.

Appointed by the Republican National Convention at St. Louis, Mo., June, 1896, with Revisions to Date.

Chairman	MARCUS A. HANNA	Cleveland, O.
Secretary	Charles Dick	Chicago, Ill.
Treasurer	James G. Cannon	New York.
Alabama	Wm. Youngblood	Montgomery.
Alaska	S. C. Johnson	Juneau.
Arizona	W. M. Griffith	Florence.
Arkansas	Powell Clayton	Eureka Springs
California	J. D. Spreckels	San Francisco.
Colorado	J. F. Saunders	Denver.
Connecticut	S. Fessenden	Stamford.
Delaware	James H. Wilson	Wilmington.
Dist. Columbia	Myron M. Parker	Washington.
Florida	J. C. Long	St. Augustine.
Georgia	Judson W. Lyon	Atlanta.
Idaho	George F. Shoup	Boise.
Illinois	T. N. Jamieson	Chicago.
Indiana	W. T. Durbin	Anderson.
Indian Ter.	L. E. Bennett	Muscogee.
Iowa	A. B. Cummins	Des Moines.
Kansas	Cyrus Leland, Jr.	Leavenworth.
Kentucky	John W. Yerkes	Danville.
Louisiana	A. T. Wimberley	New Orleans.
Maine	J. H. Manley	Augusta.
Maryland	G. L. Wellington	Cumberland.
Massachusetts	Geo. L. Von Meyer	Boston.
Michigan	George L. Maltz	Detroit.
Minnesota	F. L. Hubbard	Red Wing.
Mississippi	James Hill	Jackson.
Missouri	R. C. Kerens	St. Louis.
Montana	Chas. E. Leonard	Helena.
Nebraska	J. M. Thurston	Omaha.
Nevada	C. H. Sproule	Elko.
New Hampshire	P. C. Cheney	Concord.
New Jersey	Vacant.	
New Mexico	Solomon Luna	Los Lunas.
New York	Fred. S. Gibbs	New York.
North Carolina	J. E. Boyd	Greensboro.
North Dakota	W. H. Robinson	Mayville.
Ohio	Charles L. Kurtz	Columbus.
Oklahoma	Henry E. Asp	Guthrie.
Oregon	George A. Steele	Portland.
Pennsylvania	Matthew S. Quay	Beaver.
Rhode Island	Charles R. Brayton	Providence.
South Carolina	E. A. Webster	Orangeburg.
South Dakota	A. B. Kittredge	Sioux Falls.
Tennessee	W. P. Brownlow	Jonesboro.
Texas	John Grant	Sherman.
Utah	L. R. Rogers	Ogden.
Vermont	Geo. F. Childs	St. Albans.
Virginia	G. E. Bowden	Norfolk.
Washington	P. C. Sullivan	Tacoma.
West Virginia	N. B. Scott	Wheeling.
Wisconsin	Henry C. Payne	Milwaukee.
Wyoming	W. Vandevanter	Cheyenne.

REPUBLICAN STATE COMMITTEES.

STATES.	Chairmen.	Post-Offices.	Secretaries.	Post-Offices.
Alabama	William Vaughan	Birmingham	C. F. Johnson	Mobile.
Arizona	Charles A. Drake	Tucson	J. K. Corbett	Tucson.
Arkansas	Henry M. Cooper	Little Rock	W. S. Holt	Little Rock.
California	Frank McLaughlin	Santa Cruz	E. C. Hart	Sacramento.
Colorado	Richard Broad, Jr.	Golden	Wm. R. Freeman	Denver.
Connecticut	O. R. Fyler	Torrington	Samuel A. Eddy	Canaan.
Delaware	Hugh C. Browne	Wilmington	Wm. H. Heald	Wilmington.
Florida	Henry S. Chubb	Gainesville	Joseph E. Lee	Jacksonville.
Georgia	W. H. Johnson, *pro tem*	Atlanta	John H. Deveaux	Savannah.
Idaho	John T. Morrison	Caldwell	J. W. Murphy	Boise.
Illinois	Chas. S. Raunells	Jacksonville	J. R. B. Van Cleave	Springfield.
Indiana	Chas. S. Hernly	New Castle	Sam'l H. Spooner	Indianapolis.
Iowa	H. O. Weaver	Wapello	C W. Phillips	Maquoketa.
Kansas	Morton Albaugh	Kingman	Frank L. Brown	Topeka.
Kentucky	C. M. Barnett	Hartford	K. J. Hampton	Winchester.
Louisiana	P. F. Herwig	New Orleans	L. J. Joubert	New Orleans.
Maine	Joseph H. Manley	Augusta	Byron Boyd	Augusta.
Maryland	Thos. J. Shryock	Baltimore	L. A. Thompson	Baltimore.
Massachusetts	A. H. Goetting	Springfield	L. W. Standish	Boston.
Michigan	Arthur F. Marsh	Allegan	H. A. Sherman	Cassopolis.
Minnesota	John H. Steele	Minneapolis	C. A. Rasmussen	Red Wing.
Mississippi	A. M. Lea	Vicksburg	C. A. Simpson	Pass Christian.
Missouri	Thos. J. Akins	Humansville	A. F. Shriner	St. Louis.
Montana	Joseph P. Woolman	Helena	Thomas B. Miller	Helena.
Nebraska	R. B. Schneider	Fremont	P. O. Hedlund	Lincoln.
Nevada	R. K. Colcord	Carson City	E. D. Vanderlieth	Carson City.
New Hampshire	Jacob H. Gallinger	Concord	Louis G. Hoyt	Kingston.
New Jersey	Franklin Murphy	Newark	A. S. Barber, Jr.	Woodbury.
New Mexico	E. L. Bartlett	Santa Fé	Max Frost	Santa Fé.
New York	Benj. B Odell, Jr.	Newburgh	Reuben L. Fox	New York City.
North Carolina	Albert E. Holton	Winston	W S. Hyams	Bakersville.
North Dakota	W H. Robinson	Mayville	M. H Jewell	Bismarck.
Ohio	Myron A. Norris	Youngstown	P. W. Durr	Elmwood Place.
Oklahoma	Wm. Grimes	Kingfisher	H. F. Ardery	Guthrie.
Oregon	Geo. A. Steel	Portland	Graham Glass, Jr.	Portland.
Pennsylvania	Frank Reeder	Easton	Chas. E. Voorhees W. R. Andrews	Philadelphia. Philadelphia.
Rhode Island	Hunter C. White	Providence	Eugene F. Warner	Providence.
South Carolina	R. R. Tolbert	Greenwood	James H. Johnson	Columbia.
South Dakota	Chas. N. Herried	Eureka	Frank Crane	Watertown.
Tennessee	W P Brownlow	Jonesboro	J. C. R. McCall	Huntingdon.
Texas	E. H. R. Green	Terrell	W. Edgar Easton	San Antonio.
Utah	Wesley K. Walton	Salt Lake City	Julia Farnsworth	Salt Lake City.
Vermont	Geo. H. Babbitt	Bellows Falls	Alfred E. Watson	Hartford.
Virginia	Park Agnew	Alexandria	Asa Rogers	Petersburg.
Washington	John H. Schively	Seattle	J. W Lysons	Seattle.
West Virginia	W. M. O. Dawson	Charleston	A. B. White	Parkersburg.
Wisconsin	Joseph B. Treat	Monroe	G. P. Stickney	Milwaukee.
Wyoming	J. A. Van Orsdel	Cheyenne	Fred. Bond	Cheyenne.

People's Party National Committee.

Appointed by the National Convention at St. Louis, June 22, 1896.

Chairman.....MARION BUTLER, Raleigh, N. C.
Secretary.....J. A. EDGERTON, Lincoln, Neb.

Ala	R. F. Kolb	Birmingham	R. H. Seymour	Livingston	K. S. Woodruff	Anniston.
Ariz	W. O. O'Neill	Prescott	Dr. A. H. Noon	Oro Blanco	Kean St. Charles	Kingman.
Ark	J. R. Sovereign	Sulphur Spgs	A. W. Files	Little Rock	J. O. A. Bush	Prescott.
Cal	John S. Dore	Fresno	E. M. Hamilton	Los Angeles	F. Houghton	Corning.
Col	John C. Bell	Montrose	H. S. Tompkins	.....	J. H. Voorhees	Pueblo.
Conn	W. W. Wheeler	Meriden	Dr. J. Perkins	Danielson	H. C. Baldwin	Naugatuck.
Del	Benj. L. Kent	Wilmington	C. Beadenkopf	Wilmington	Geo. L. Norris	Wilmington.
D. of C.	J. H. Turner	Washington	Rev. A. Kent	Washington	H. B. Martin	Washington.
Flor	S. S. Harvey	Quintette	F. H. Lytle	Stanton	J. F. Rhoads	Jacksonville.
Ga	J. L. Sibley	Marietta	H. W. Reed	Brunswick	Cary J. Thornton	Columbus.
Idaho	J. H. Anderson	Weiser	A. J. Cook	Fayette	Ed. Boyce	Wallace.
Illinois	H. E. Taubeneck	Marshall	J. D. Hess	Pittsfield	Eugene Smith	Chicago.
Ind	Joshua Strange	Arcana	D. H. Fernandez	Anderson	W. S. Austin	New Albany.
Ind. T.	W. H. Watkins	Afton	G. W. Payne	Whitefield	A. B. Weakley	Comanche.
Iowa	W. H. Robb	Creston	S. B. Crane	Des Moines	J. E. Anderson	Forest City.
Kansas	J. W. Breidenthal	Topeka	J. M. Allen	Erie	W. D. Vincent	Clay Centre.
Ky	A. H. Cardin	Marion	John G. Blair	Carlisle	W. B. Bridgeford	Frankfort.
La	A. A. Gunby	Monroe	J. T. Howell	Baton Rouge	E. C. Dillon	Many.
Maine	L. C. Bateman	Auburn	L. W. Smith	Vinalhaven	Henry Betts	Ellsworth.
Md	C. M. Kemp	Baltimore	Hiram Vrooman	Baltimore	T. C. Jenkins	Pomonkey.
Mass	G. F. Washburn	Boston	E. Gerry Brown	Brockton	P. J. Gardener	Danvers.
Mich	John O. Zabel	Petersburg	Jas. E. McBride	Gr'nd Rapids	Benj. Colvin	St. Charles.
Minn	W. R. Dobbyn	Minneapolis	T. J. Meighen	Forestville	J. M. Bowler	Bird Island
Miss	R. K. Pruitt	Ackerman	Frank Burkitt	Okolona	N. C. Hathborn	Columbia.
Mo	P. J. Dixon	Chillicothe	J. H. Hillis	McFall	Dr. DeWitt Eskew	Poplar Bluff
Mont	A. E. Spriggs	Townsend	M. L. Stewart	Mason	Mrs. E. K. Haskell	Helena.
Neb	Wm. V. Allen	Madison	J. H. Edmisten	Lincoln	D. Clem. Deaver	Omaha.
Nev	J. B. McCullough	Reno	C. E. Allen	Eureka	J. C. Doughty	Deeth.
N. H	D. B. Currier	Hanover	G. J. Greenlief	Portsmouth	George D. Epps	Francistown.
N. J	J. R. Buchanan	Newark	John Wilcox	Bridgeton	Eltweed Pomeroy	Newark.
N. M	M. P. Stamm	Albuquerque	T. B. Mills	Las Vegas	Thos. F. Kelcher	Albuquerque
N. Y	C. R. White	Miller Crnrs.	Lafe Pence	N. Y. City	L. J. McParlan	Lockport.
N. C	Marion Butler	Raleigh	Z. T. Garrett	Henderson	J. L. Ramsey	Raleigh.
N. Dak.	Walter Muir	Hunton	Dr. W. A. Bentley	Bismarck	N. O. Noben	Grafton.
Ohio	Hugh Preyor	Cleveland	D. D. Chidester	N. Waterf'd.	.....	.....
Okla	J. S. Soule	Guthrie	R. E. Bray	Enid	W. H. French	Chandler.
Oregon	J. W. Marksbury	Gold Hill	John C. Luce	John Day	John W. Jory	Salem.
Penna	Jerome B. Aiken	Washington	W. M. Deisher	Reading	V. A. Lotier	Danville.
S. Dak.	A. J. Plowman	Deadwood	H. S. Volknar	Milbauk	H. P. Smith	Madison.
Tenn	J. H. McDowell	Union City	J. P. Buchanan	Wayside	J. W. James	Chattanooga
Texas	C. S. Granberry	Austin	H. L. Bentley.	Abilene	Harry Tracy	Dallas.
Utah	James Hogan	Ogden.	Mrs. K. S. Hilliard	Ogden	H. W. Lawrence	Salt Lake Cty
Va.	G. W. B. Hale	Rocky Mount	J. H. Hobson	Belona	J. W. McGavock	Graham Frge
Vt	A. J. Beebe	Swanton	A. T. Way	Burlington	C. S. Louis	So. Reading.
Wash	E. W. Way	Seattle	A. P. Tugwell	Chehalis	C. W. Young	Pullman.
W. Va	N. W. Fitzgerald	Terra Alta	W. R. Neale	Parkersburg	H. T. Houston	Alderson.
Wis	Robt. Schilling	Milwaukee	C. M. Butt	Viroqua	William Munro	W. Superior.
Wyo	L. C. Tidball	Sheridan	Earl Hoffer	Sundance	Peter Esperson	Cheyenne.

People's Party National Committee.

(NON-FUSION.)

Appointed by the National Convention at Cincinnati, O., September 6, 1898.

Chairman.....MILTON PARK, Dallas, Tex.
Secretary.....W. S. MORGAN, Hardy, Ark.

Fla	F. H. Lytle	Stanton	A. P. Baskin	Anthony	A. A. Weeks	Duncan.
Ga	C. E. McGregor	Warrenton	W. Phillips	Marietta	W. D. Hawkins	Flowery B'h.
Ill	F. R. Cole	Chicago	J. D. Hess	Pittsfield	G. W. Wickline	Belleville.
Ind	J. C. Smith	Monticello	D. Linton	Sheridan	Zebulon Cox	Sheridan.
Minn	E. A. Twitchell	Minneapolis	J. B. Dukes.	Minneapolis	S. W. Powell	Stillwater.
Miss	F. Burkitt	Okolona	R. K. Pruitt	Ackerman	N. C. Hathborn	Columbia.
Mo	Paul J. Dixon	Chillicothe	J. H. Hillis	McFall	D. W. Eskew	Poplar Bluff.
N. J	E. A. Wallace	So. Orange	T. B. Richmond	Camden	F. S. Newcomb	Vineland.
Ohio	John Seitz	Tiffin	R. McCammon	Sulphur Spgs.	J. M. H. Frederick	Akron.

Socialist Labor Party.

National Corresponding and Financial Secretary—Henry Kuhn, 61 Beekman Street, New York City. *Recording Secretary*—John J. Kinneally. *Treasurer*—Alvan S. Brown. *National Executive Committee*—The preceding and Lucien Sanial, Arthur Keep, Peter Fiebiger, Patrick Murphy, and Joseph H. Sauter.

The party is organized in local organizations known as "sections," such sections existing in thirty-two States and two Territories. Any ten persons in any city or town of the United States may form a section, providing they acknowledge the platform and constitution of the Socialist Labor Party and do not belong to any other political party. In places where no section exists, or where none can be formed, any person complying with the aforesaid provisions may become a member-at-large upon application to the National Executive Committee. Sections are not permitted to charge initiation fees. All questions of importance arising within the party are decided by general vote. At each meeting of the section a chairman is elected, and the same rule holds good with all standing committees.

National Democratic National Committee.

Appointed by the National Convention at Indianapolis, Ind., September 2, 1896.

Chairman.....GEORGE FOSTER PEABODY, 27 Pine Street, New York.
Secretary.....JOHN P. FRENZEL, Indianapolis, Ind.

Prohibition National Committee.

Chairman.....SAMUEL DICKIE, Albion, Mich.
Vice-Chairman.....JAMES H. TATE, Dyer, Tenn.
Secretary.....W. T. WARDWELL, 26 Broadway, New York.

Alabama	J. C. Orr	Hartzell.
Arkansas	Geo. C. Christian	Eureka Springs.
California	J. A. B. Wilson	San Francisco.
	J. W. Webb	Fresno.
Colorado	John Hipp	Denver.
Connecticut	F. C. Bradley	North Haven.
	J. N. Stanley	Highland Park.
Dist. Columbia	H. B. Moulton	Washington.
	J. R. Maloney	Washington.
Delaware	J. R. Jewell	Smyrna.
	Aloysius Green	Whitesville.
Florida	W. F. Alexander	Waldo.
	J. R. Finch	Palatka.
Georgia	Frank J. Sibley	Atlanta.
	A. A. De Loach	Atlanta.
Illinois	O. W. Stewart	Chicago.
	C. M. Whipple	Rockford.
Indiana	F. T. McWhirter	Indianapolis.
	Miss Mary Hadley	Bloomingdale.
Iowa	Malcolm Smith	Cedar Rapids.
	W. L. Ferris	Cherokee.
Kentucky	Geo. W. Bain	Lexington.
	J. H. Moore	Covington.
Maine	Volney B. Cushing	Bangor.
	N. F. Woodbury	Auburn.
Maryland	Edwin Higgins	Baltimore.
	Levin S. Melson	Bishopville.
Massachusetts	Frank M. Forbush	Boston.
	A. W. Richardson	Springfield.
Michigan	Chas. P. Russell	Detroit.
	Fred. E. Britten	Detroit.
Minnesota	B. B. Haugan	Fergus Falls.
	W. J. Dean	Minneapolis.
Mississippi	Henry Ware	Pass Christian.
Missouri	R. T. Bond	Fayette.
	C. E. Stokes	Mexico.
Montana	E. M. Gardner	Bozeman.
New Hampshire	H. O. Jackson	Littleton.
	Isaac B. Vale	Manchester.
New Jersey	W. H. Nicholson	Haddonfield.
	R. J. S. White	Montclair.
New York	Wm. T. Wardwell	New York City.
	F. E. Baldwin	Elmira.
North Carolina	T. P. Johnson	Salisbury.
	N. W. Newby	Farmers.
North Dakota	H. M. Kiff	Tower City.
	H. H. Mott	Grafton.
Pennsylvania	A. A. Stevens	Tyrone.
	H. D. Patton	Lancaster.
Rhode Island	H. B. Metcalf	Pawtucket.
	Smith Quimby	Providence.
South Dakota	J. A. Lucas	Sioux Falls.
	J. F. Hanson	Mt. Vernon.
Tennessee	J. A. Tate	Dyer.
	R. S. Cheves	Unicoi.
Texas	J. B. Cranfill	Waco.
	E. C. Heath	Rockwall.
Vermont	C. W. Wyman	Brattleboro.
	H. C. Barnes	Swanton.
Virginia	J. W. Bodley	Staunton.
Washington	C. Davis	Seattle.
West Virginia	T. R. Carskadon	Keyser.
	Frank Burt	Mannington.
Wisconsin	S. D. Hastings	Green Bay.
	O. B. Olsen	Eau Claire.

Silver Republican National Committee.

Alabama	Cutler Smith	Mobile.
Arkansas	Thomas Boles	Ft. Smith.
California	Nathan Cole, Jr.	Los Angeles.
Colorado	A. M. Stevenson	Denver.
Connecticut	Joseph Sheldon	New Haven.
Delaware	C. G. Prettyman	Milford.
Idaho	F. T. Dubois	Blackfoot.
Illinois	J. N. Teller	Chicago.
Indiana	F. J. Van Vorhis	Indianapolis.
Iowa	William Connor	Des Moines.
Kansas	F. B. Lawrence	Eldorado.
Kentucky	A. J. Mossett	Newport.
Louisiana	S. L. Carey	Jennings.
Massachusetts	Norman Cameron	Boston.
Michigan	C. E. Watkins	Grand Rapids.
Minnesota	F. A. Day	Fairmont.
Missouri	J. D. Clarkson	Carthage.
Montana	C. S. Hartman	Bozeman.
Nebraska	D. D. Gregory	Omaha.
New Jersey	James H. Fleming	Newark.
New York	B. S. Dean	Jamestown.
North Dakota	H. M. Creel	Devil's Lake.
Ohio	J. J. Harper	Wash'ton C. H.
Oklahoma	F. S. Peck	Edmond.
Oregon	C. W. Talmadge	McMinnville.
South Dakota	B. H. Lien	Sioux Falls.
Utah	W. C. Jones	Salt Lake City.
Washington	G. W. Thompson	Tacoma.
West Virginia	J. B. Minenger	Point Pleasant.
Wisconsin	D. F. Powell	La Crosse.
Wyoming	A. A. Jackson	Laramie.

National Republican League of the United States.

THE National Republican League of the United States was organized in Chickering Hall, New York City, December 15-17, 1887, by delegates from about 350 Republican clubs of the United States, assembled in national convention, pursuant to a call issued by the Republican Club of New York City. It is composed of the Republican clubs of the United States, organized by States and united in a national organization. Its purpose is "Organization and Education." It aims to enlist recruits for the Republican party, particularly the younger men and the "first voters." National conventions have since been held at Baltimore, Md., February 28, 1889; Nashville, Tenn., March 4, 1890; Cincinnati, O., April 23, 1891; Buffalo, N. Y., September 16, 1892; Louisville, Ky., May 10, 1893; Denver, Col., June 26, 1894; Cleveland, O., June 19, 1895; Milwaukee, Wis., August 25, 1896; Detroit, Mich., July 13, 1897, and Omaha, Neb., July 13, 1898. *Officers—President*, George Stone, San Francisco, Cal.; *Treasurer*, Mahlon D. Young, Philadelphia; *Secretary*, D. H. Stine, Newport, Ky. Headquarters, Auditorium Hotel, Chicago.

Liberty Party National Central Committee.

Chairman .....L. B. LOGAN, Alliance, O.
Vice-Chairman.....R. S. THOMPSON, Springfield, O.
Secretary .....H. M. ROSER, Denver, Col.

National Association of Democratic Clubs.

President—Chauncey F. Black, Pennsylvania. *Treasurer*—William A. Clarke, Butte, Mont. *Secretary*—W. S. McKean, Metropolitan Hotel, Washington, D. C. *Executive Committee*—Benton McMillin, Tennessee; George H. Lambert, New Jersey; E. Chambers Smith, North Carolina; C. C. Richards, Utah; John R. McLean, Ohio; E. B. Howell, Georgia; H. D. Money, Mississippi; James C. Dahlman, Nebraska; Stephen M. White, California; Edward Murphy, Jr., New York; Lloyd L. Jackson, Maryland; John L. Mitchell, Wisconsin; Charles J. Faulkner, West Virginia; William J. Stone, Missouri; George Fred. Williams, Massachusetts; J. L. Slayden, Texas; J. C. Sibley Pennsylvania.

National Farmers' Alliance.

President—Elwood Furnas, Nevada, Iowa.
Vice-President—Hon. A. L. Stuntz, State Centre, Iowa.
Secretary and Treasurer—August Post, Moulton, Iowa.
Lecturer—George E. Lawrence, Marion, Ohio.

The following is the platform of the National Farmers' Alliance:

That the National Farmers' Alliance will adhere to the principles set forth in our declaration of purposes, and maintain the order as the opponent of unjust trusts and combines, and favor the education of our membership in political sentiment, in harmony with our principles, controlling no political party and being controlled by none, but each individual may use his own judgment in the exercise of his right of franchise and in his choice of methods by which our demands may be secured.

That we favor the enactment into law of an effective anti-option bill prohibiting gambling in farm products.

That we favor such strict legislation, both State and National, as will prohibit the adulteration of all food products.

The National Farmers' Alliance and Industrial Union, a statement in reference to which appears below, is a separate organization covering all of the Southern, most of the Western, and some of the Eastern States. At its annual meeting in 1890, at Ocala, Fla., it adopted what is known as the Ocala platform. (See THE WORLD ALMANAC for 1891, page 93.)

National Farmers' Alliance and Industrial Union.

President—J. C. Wilborn, Old Point, S. C.
Vice-President—Jacob J. Miller, Waynesboro, Pa.
Secretary-Treasurer—A. B. Welch, Victor, N. Y
Lecturers—J. P. Sossoman, Charlotte, N. C.; J. C. Hanley, St. Paul, Minn.
Executive Committee —John Breinig, Junction, W. Va.; D. P. Duncan, Columbia, S. C.; C. W. Gravit, Mandana, N. Y.; W. A. Gardner, Andrews' Settlement Pa.

The platform of the Union, besides calling for the government control of railroads, telegraphs, and telephones, and the election of United States Senators by the people, makes the following demands:

We demand a National currency, safe, sound, and flexible; issued by the General Government only; a full legal tender for all debts and receivable for all dues, and an equitable and efficient means of distribution of this currency, directly to the people, at the minimum of expense and without the intervention of banking corporations, and in sufficient volume to transact the business of the country on a cash basis. (*a*) We demand the free and unlimited coinage of silver and gold at the legal ratio of 16 to 1. (*b*) We demand a graduated income tax. (*c*) That our National legislation shall be so framed in the future as not to build up one industry at the expense of another. (*d*) We believe that the money of the country should be kept as much as possible in the hands of the people, and hence we demand that all National and State revenues shall be limited to the necessary expenses of the Government economically and honestly administered. (*e*) We demand that postal savings banks be established by the Government for the safe deposits of the savings of the people, and to facilitate exchange. (*f*) We are unalterably opposed to the issue by the United States of interest-bearing bonds, and demand the payment of all coin obligations of the United States, as provided by existing laws, in either gold or silver coin, at the option of the Government and not at the option of the creditor.

We demand that no land shall be held by corporations for speculative purposes or by railroads in excess of their needs as carriers, and all lands now owned by aliens should be reclaimed by the Government and held for actual settlers only. We demand free mail delivery in the rural districts We demand that the inhabitants of all the territory coming to the United States as the result of the war with Spain be as speedily as possible permitted to organize a free government of their own, based on the consent of the governed.

National Grange, Patrons of Husbandry.

Master—Aaron Jones, South Bend, Ind. *Overseer*—O. H. Hale, North Stockholm, N. Y. *Lecturer*—Alpha Messer, Rochester, Vt. *Steward*—John T. Cox, Redington, N. J. *Assistant Steward*—J. A. Newcomb, Golden, Col. *Chaplain*—S. O. Bowen, Eastford, Ct. *Treasurer*—Mrs. Eva S. McDowell, Columbus, O. *Secretary*—John Trimble, Washington, D. C. *Gatekeeper*—A. B. Judson, Silver City, Iowa. *Ceres*—Mrs. Lena M. Messick, Bridgeville, Del. *Pomona*—Mrs. Sarah G. Baird, Edina Mills, Minn. *Flora*—Mrs. E. L. A. Wiggin, Maysville Centre, Me. *L. A. S.*—Mrs. Amanda M. Horton, Fruit Ridge, Mich. *Secretary's Address*—John Trimble, 514 F Street, Washington, D. C.

The following reforms are officially favored by the National Grange, representing the farmers of the United States: 1. Postal savings banks. 2. Enactment of pure food laws. 3. Rural free-mail delivery. 4. Additional powers to the Interstate Commerce Commission. 5. Speedy construction of the Nicaragua Canal by the United States. 6. To prevent the pooling of railroads. 7. Impartial investigation of foreign trade relations. 8. Election of United States Senators by popular vote. 9. Settlement of international differences by arbitration.

The National Grange has established 27,689 subordinate granges in 44 States and Territories.

General Labor Organizations.

American Federation of Labor.—President, Samuel Gompers, 423 G Street, N. W., Washington, D. C.; Secretary, Frank Morrison, same address; Treasurer, John B. Lennon, Bloomington, Ill.; First Vice-President, P. J. Maguire, Philadelphia, Pa.; Second Vice-President, James Duncan, Boston, Mass.; Third Vice-President, James O'Connell, Washington, D. C.; Fourth Vice-President, John Mitchell, Indianapolis; Fifth Vice-President, Max Morris, Denver, Col.; Sixth Vice-President, Thomas I. Kidd, Chicago, Ill. The Federation is composed of 71 affiliated national unions, 11 State branches, 110 city central unions, and 674 local unions. The aggregate membership is 700,000. The affiliated unions publish about 235 weekly or monthly papers, devoted to the cause of labor. The official organ is the *American Federationist*, edited by Samuel Gompers. About 400 organizers of local unions are acting under the orders of the Federation. The objects and aims of the American Federation of Labor are officially stated to be to render employment and the means of subsistence less precarious by securing to the workers an equitable share of the fruits of their labor.

As means to this end, it proposes: First—A free federation of all trade and labor unions in America. Second—The establishment of self-governing unions of wage-workers in every trade and legitimate occupation, without exception, where none now exists. Third—The formation of public opinion by the agencies of platform, press, and legislation. Fourth—The furtherance of civilization and industrial progress by securing to the workers a reduction in the hours of labor.

Knights of Labor.—General Master Workman, John W. Parsons, New York City. General Worthy Foreman, J. D. Chamberlain, Pueblo, Col.; General Secretary-Treasurer, John W. Hayes, 43 B Street, N. W., Washington, D. C.; Executive Board—Andrew D. Best, New York; Henry Bostock, Pendleton, Ind.; J. S. Fitzpatrick, Montreal, Canada. This organization claims a membership of 200,000. General Assembly organized at Reading, Pa., in 1878.

Socialist Trade and Labor Alliance.—Was organized in New York in December, 1895, by trades unions seceding from the Knights of Labor and the American Federation of Labor. Its numerical strength is 25,000. Its purpose is stated by its promoters to be: To supplant what is known in the labor movement as pure and simple trades unionism. The former scatters its forces by dividing them among the "capitalistic" political parties. The Alliance unites the economic with the political struggle, and is backed by the Socialistic Labor party. The General Secretary is William L. Brower, 23 Duane Street, New York City.

For "Statistics of Labor Strikes" see THE WORLD ALMANAC for 1898, page 94.

Labor Legislation.

ANTI-BOYCOTTING AND ANTI-BLACKLISTING LAWS.

THE States having laws prohibiting *boycotting* in terms are Colorado, Illinois, and Wisconsin.

The States having laws prohibiting *blacklisting* in terms are Alabama, Colorado, Connecticut, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Montana, Nevada, North Dakota, Oklahoma, Utah, Virginia, and Wisconsin.

The following States have laws which may be fairly construed as prohibiting *boycotting:* Alabama, Connecticut, Florida, Georgia, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New York, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Vermont, and Wisconsin.

The following States have laws which may be fairly construed as prohibiting *blacklisting*. Georgia, Michigan, New Hampshire, New York, Oklahoma, Oregon, Rhode Island, and South Dakota.

In the following States it is unlawful for any employer to exact an agreement, either written or verbal, from an employé not to join or become a member of any labor organization, as a condition of employment: California, Colorado, Idaho, Indiana, Massachusetts, Minnesota, Missouri, New Jersey, New York, Ohio, and Pennsylvania.

THE WORLD ALMANAC is indebted to Commissioner Wright, of the U. S. Department of Labor, for the summary of eight hours, anti-boycotting, and anti-blacklisting laws, and the table on the next page, revised to date.

EIGHT-HOUR LAWS.

California.—Eight hours of labor constitute a day's work, unless it is otherwise expressly stipulated by the parties to a contract. The time of service of all laborers, workmen, and mechanics employed upon any public works of, or work done for, the State, or for any political sub-division thereof, whether the work is to be done by contract or otherwise, is limited and restricted to eight hours in any one calendar day, and a stipulation that no workman, laborer, or mechanic in the employ of the contractor or sub-contractor shall be required or permitted to work more than eight hours in any one calendar day, except in cases of extraordinary emergency, shall be contained in every contract to which the State or any political sub-division thereof is a party. In the case of drivers, conductors, and gripmen of street-cars for the carriage of passengers, a day's work consists of twelve hours. Employment of minor children for more than eight hours per day is absolutely prohibited, except in vinicultural or horticultural pursuits, or in domestic or household occupations.

Colorado.—Eight hours constitute a day's work for all workingmen employed by the State, or any county, township, school district, municipality, or incorporated town.

Connecticut.—Eight hours of labor constitute a lawful day's work unless otherwise agreed.

District of Columbia.—Eight hours constitute a day's work for all laborers or mechanics employed by or on behalf of the District of Columbia.

Idaho.—Eight hours' actual work constitute a lawful day's work on all State and municipal works.

Illinois.—Eight hours are a legal day's work in all mechanical employments, except on farms, and when otherwise agreed; does not apply to service by the day, week, or month, or prevent contracts for longer hours.

Indiana.—Eight hours of labor constitute a legal day's work for all classes of mechanics, workingmen, and laborers, excepting those engaged in agricultural and domestic labor. Overwork by agreement and for extra compensation is permitted. The employment of persons under fourteen years of age for more than eight hours per day is absolutely prohibited.

Kansas.—Eight hours constitute a day's work for all laborers, mechanics, or other persons employed by or on behalf of the State or any county, city, township, or other municipality.

Massachusetts.—Eight hours shall constitute a day's work for all laborers, workmen, and mechanics employed by or on behalf of any city or town in the Commonwealth.

Missouri.—Eight hours constitute a legal day's work. The law does not prevent an agreement

LABOR LEGISLATION—*Continued.*

to work for a longer or a shorter time and does not apply to laborers and farm hands in the service of farmers or others engaged in agriculture.

Montana.—Eight hours constitute a legal day's work for persons engaged to operate or handle any first-motion or direct-acting hoisting engine, or any geared or indirect-acting hoisting engine at any mine employing fifteen or more men underground when the duties of fireman are performed by the person so engaged; also for any stationary engineer operating a stationary engine developing fifty or more horse-power when such engineer has charge or control of a boiler or boilers in addition to his other duties. The law applies only to such steam plants as are in continuous operation or are operated twenty or more hours in each twenty-four hours, and does not apply to persons running any engine more than eight hours in each twenty-four for the purpose of relieving another employé in case of sickness or other unforeseen cause.

Nebraska.—Eight hours constitute a legal day's work for all classes of mechanics, servants, and laborers, except those engaged in farm or domestic labor.

New Jersey.—Eight hours constitute a day's labor on any day whereon any general or municipal election shall be held.

New York.—Eight hours constitute a day's work for mechanics, workingmen, and laborers, except in farm or domestic labor. Overwork for extra pay is permitted, except upon work by or for the State or a municipal corporation, or by contractors or sub-contractors therewith. The law applies to those employed by the State or municipality, or by persons contracting for State work, and each contract to which the State or a municipal corporation is a party shall contain a stipulation that no workman, laborer, or mechanic in the employ of the contractor, sub-contractor, etc., shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency.

Ohio.—Eight hours shall constitute a day's work in all engagements to labor in any mechanical, manufacturing, or mining business, unless otherwise expressly stipulated in the contract. But in case of conductors, engineers, firemen, or trainmen of railroads, a day's work consists of ten hours.

Pennsylvania.—Eight hours of labor shall be deemed and held to be a legal day's work in all cases of labor and service by the day where there is no agreement or contract to the contrary. This does not apply to farm or agricultural labor by the year, month, or week, to labor in factories, laundries, and renovating establishments, or to labor on street railways.

Eight hours out of the twenty-four shall make and constitute a day's labor in penitentiaries and reformatory institutions receiving support from the State, also for all mechanics, workmen, and laborers in the employ of the State, or of any municipal corporation therein, or otherwise engaged on public works; this shall be deemed to apply to mechanics, workingmen, or laborers in the employ of persons contracting with the State or any municipal corporation therein, for the performance of public work.

Utah.—Eight hours constitute a day's work upon all public works and in all underground mines or workings, smelters, and all other institutions for the reduction or refining of ores.

Wisconsin.—In all engagements to labor in any manufacturing or mechanical business, where there is no express contract to the contrary, a day's work shall consist of eight hours; but the law does not apply to contracts for labor by the week, month, or year. In all manufactories, workshops, or other places used for mechanical or manufacturing purposes, the time of labor of children under the age of eighteen, and of women employed therein, shall not exceed eight hours in the day.

Wyoming.—Eight hours' actual work constitute a legal day's work in all mines and public works.

United States.—Eight hours shall constitute a day's work for all laborers, workmen, and mechanics who may be employed by or on behalf of the United States.

LIST OF BUREAUS OF LABOR AND LABOR STATISTICS IN THE UNITED STATES

Title of Bureau.	Where Located.	Organized.	Chief Officer.	Title.
United States Department of Labor	Washington, D. C.	1884	Carroll D. Wright	Commissioner
Bureau of Statistics of Labor	Boston, Mass.	1869	Horace G. Wadlin	Chief.
Bureau of Industrial Statistics	Harrisburg, Pa.	1872	James M. Clark	Chief.
Bureau of Labor Statistics	Hartford, Ct.	1873	Harry E. Back	Commissioner
Bureau of Agriculture, Lab. & Statistics	Frankfort, Ky.	1876	Lucas Moore	Commissioner
Bureau of Labor Statistics	Columbus, Ohio	1877	John P. Jones	Commissioner
Bureau of Statistics of Labor & Indust's	Trenton, N. J.	1878	William Stainsby	Chief.
Bureau of Labor Statistics & Inspection	Jefferson City, Mo.	1879	Thomas P. Rixey	Commissioner
Bureau of Labor Statistics	Springfield, Ill.	1879	David Ross	Secretary.
Bureau of Statistics	Indianapolis, Ind.	1879	John B. Conner	Chief.
Bureau of Labor Statistics	Albany, N. Y.	1883	John McMackin	Commissioner
Bureau of Labor Statistics	San Francisco, Cal.	1883	F. V. Meyers	Commissioner
Bureau of Labor & Industrial Statistics	Lansing, Mich.	1883	Joseph L. Cox	Commissioner
Bureau of Labor, Census, and Industrial Statistics	Madison, Wis.	1883	Halford Erickson	Commissioner
Bureau of Labor Statistics	Des Moines, Ia.	1884	W. E. O'Bleness	Commissioner
Bureau of Industrial Statistics	Baltimore, Md.	1884	J. D. Wade	Chief.
Bureau of Labor & Industrial Statistics	Topeka, Kan.	1885	W. L. A. Johnson	Commissioner
Bureau of Industrial Statistics	Providence, R. I.	1887	Henry E. Tiepke	Commissioner
Bureau of Labor & Industrial Statistics	Lincoln, Neb.	1887	S. J. Kent	Deputy Com.
Bureau of Labor Statistics	Raleigh, N. C.	1887	B. R. Lacy	Commissioner
Bureau of Industrial & Labor Statistics	Augusta, Me.	1887	Samuel W. Matthews	Commissioner
Bureau of Labor	St. Paul, Minn.	1887	Martin F. McHale	Commissioner
Bureau of Labor Statistics	Denver, Col.	1887	Peter Jennings	Deputy Com.
Bureau of Labor	Wheeling, W. Va.	1889	I. V. Barton	Commissioner
Department of Agriculture and Labor	Bismarck, N. D.	1889	H. U. Thomas	Commissioner
Bureau of Labor Statistics and Mines	Nashville, Tenn.	1891	R. A. Shiflett	Commissioner
Bureau of Agriculture, Lab. & Industry	Helena, Mont.	1893	J. H. Calderhead	Commissioner
Bureau of Labor	Concord, N. H.	1893	L. H. Carroll	Commissioner
Bureau of Statistics, Labor, Agriculture, and Immigration	Olympia, Wash.	1897	W. P. C. Adams	Deputy Com.
Bureau of Labor & Industrial Statistics	Richmond, Va.	1898	A. P. Montague	Commissioner

The Idaho State Constitution authorizes a Bureau of Immigration, Labor, and Statistics, but the Legislature has never made appropriations for its support or enacted laws therefor.

Qualifications for Voting in Each State of the Union.

(Communicated to THE WORLD ALMANAC and corrected to date by the Attorneys-General of the respective States.)

IN all the States except Colorado, Idaho, Utah, and Wyoming the right to vote at general elections is restricted to males of 21 years of age and upward. Women are entitled to vote at school elections in several States. They are entitled by law to full suffrage in the States of Colorado, Idaho, Utah, and Wyoming. (See article entitled "Woman Suffrage.")

STATES.	Requirements as to Citizenship.	PREVIOUS RESIDENCE REQUIRED. In State.	In County.	In Town.	In Precinct.	Persons Excluded from Suffrage.
Alabama*.	Citizen of United States or alien who has declared intention.	1 yr...	3 mo..	30 dys	30 dys	Convicted of treason or other felonies, idiots, or insane.
ArizonaT*	Citizen of United States or alien who has declared intention (*a*)	6 mo..	10 dys	10 dys	10 dys	Idiot, insane, felon.
Arkansas*	Citizen of United States or alien who has declared intention.	1 yr...	6 mo..	30 dys	30 dys	Idiots, insane, convicted of felony, failure to pay poll-tax, U. S. soldiers on duty in State.
Calif'rnia*	Citizen by nativity, naturalization (90 days prior to election), or treaty of Queretaro.	1 yr...	90 dys	.....	30 dys	Chinese, idiots, insane, embezzlers of public moneys, convicted of infamous crime. †
Colorado*.	Citizen or alien, male or female, who has declared intention four months prior to election.	6 mo..	90 dys	.....	10 dys	Convicted of crime, bribery in public office, under guardianship, *non compos mentis*, insane.
Conn. *.....	Citizen of United States who can read English language.	1 yr...	.....	6 mo..	.....	Convicted of heinous crime, unless pardoned.
Delaware*	Citizen who shall have paid a registration fee of $1.	1 yr...	30 dys	.....	10 dys	Insane persons and paupers or persons convicted of felony.
Dis. of Col.	See foot note on following page.					
Florida* ..	Citizen of the United States....	1 yr...	6 mo..	6 mo..	30 dys	Idiots, duelists, convicted of felony or any infamous crime.
Georgia* ..	Citizen of the U. S. who has paid all his taxes since 1877.	1 yr...	6 mo..	.....	.....	Convicted of felony, unless pardoned, idiots, and insane.
Idaho *	Citizen of the United States, male or female.	6 mo..	30 dys	3 mo..	10 dys	Idiots, insane, convicted of felony, bigamists, polygamists, under guardianship.
Illinois * ...	Citizen of the United States.....	1 yr...	90 dys	30 dys	30 dys	Convicted of felony or bribery in elections, unless restored to citizenship.
Indiana*...	Citizen or alien who has declared intention and resided one year in United States.	6 mo..	60 dys	60 dys	30 dys	United States soldiers, sailors, and marines, and persons convicted of infamous crime.
Iowa *	Citizen of the United States....	6 mo..	60 dys	(*e*)	(*e*)	Idiots, insane, convicted of infamous crime.
Kansas * ...	Citizen of United States or alien who has declared intention (*b*)	6 mo..	30 dys	30 dys	30 dys	Felons, insane, under guardianship (*d*).
Kent'ky*.	Citizen of the United States.....	1 yr...	6 mo..	60 dys	60 dys	Convicted of treason, or felony, or bribery, idiots, and insane.
Louisia'a *	Citizen of United States (*f*).....	2 yrs..	1 yr...	.....	6 mo ..	Idiots, insane, convicted of felony or treason, unless pardoned, with express restoration of franchise.
Maine*	Citizen of the United States	3 mo..	3 mo..	3 mo..	3 mo ..	Paupers and Indians not taxed.
Maryla'd*	Citizen of the United States	1 yr...	6 mo..	6 mo..	1 day.	Convicted of felony, unless pardoned, lunatics, persons *non compos mentis*.
Mass. *.....	Citizen who can read and write (*b*).	1 yr...	6 mo..	6 mo..	6 mo ..	Paupers and persons under guardianship.
Michigan*	Citizen or alien who declared intention to become a citizen prior to May 8, 1892 (*b*).	6 mo..	20 dys	20 dys	20 dys	Indians with tribal relations, duelists and accessories.
Minn. *... ..	Citizen of United States who has been such for 3 months preceding election.	6 mo..	30 dys	30 dys	30 dys	Convicted of treason or felony, unless pardoned, under guardianship, insane, Indians untaxed.
Miss. *	Citizen of the United States who can read or understand Constitution.	2 yrs..	1 yr...	1 yr...	1 yr (*c*)	Insane, idiots, Indians not taxed, felons, persons who have not paid taxes.
Missouri*..	Citizen of United States or alien who has declared intention not less than 1 year or more than 5 before election.	1 yr...	60 dys	60 dys	60 dys	Persons in poorhouses or asylums at public expense, those in prison, or who have been convicted of infamous crimes.
Montana*.	Citizen of the United States (*b*)	1 yr...	30 dys	30 dys	30 dys	Convicted of felony, unless pardoned, idiots, insane, U. S. soldiers, seamen, and marines, Indians.
Nebraska*	Citizen of United States or alien who has declared intention thirty days before election.	6 mo.	40 dys	10 dys	10 dys	Convicted of felony, unless restored to civil rights, persons *non compos mentis*.
Nevada * ..	Citizen of the United States.....	6 mo.	30 dys	.....	30 dys	Idiots, insane, unpardoned convicts, Indians, Chinese.

* Australian Ballot law or a modification of it in force. † Or a person unable to read the Constitution in English and to write his name. (*a*) Or citizens of Mexico who shall have elected to become citizens under the treaties of 1848 and 1854. Poll-tax must be paid for current year. (*b*) Women can vote in school elections. (*c*) Clergymen are qualified after six months' residence in precinct. (*d*) Also public embezzlers, persons guilty of bribery, or dishonorably discharged soldiers from the United States service, unless reinstated. (*e*) Only actual residence required. (*f*) If unable to read and write, the right to register and vote is conditional on his bona-fide ownership of property assessed in the State at a valuation of not less than $300, and, if such property be personal only, all taxes due shall have been paid.

QUALIFICATIONS FOR VOTING—*Continued.*

States.	Requirements as to Citizenship.	Previous Residence Required. In State.	In County.	In Town.	In Precinct.	Persons Excluded from Suffrage.
N. Hamp.*	Citizen of the United States (*a*)	6 mo.	6 mo..	6 mo..	6 mo..	Insane or paupers.
N. Jersey*	Citizen of the United States....	1 yr...	5 mo..	.....	.....	Idiots, paupers, insane, convicted of crime, unless pardoned or restored by law.
N. M. Ter.	Citizen of the United States....	6 mo..	3 mo..	.....	30 dys	Convicted of felony, unless pardoned, U. S. soldier or camp follower, Indians (*h*).
N. York*..	Citizen who shall have been a citizen for ninety days prior to election.	1 yr...	4 mo..	30 dys	30 dys	Offenders against the elective franchise rights, being guilty of bribery, and betting on elections, and persons convicted of bribery or of any infamous crime and not restored to citizenship by the Executive.
N. Car.....	Citizen of the United States.....	1 yr....	90 dys	.....	.....	Convicted of felony or other infamous crime, idiots, lunatics (*i*).
N. Dak.*..	Citizen of the United States and civilized Indian.† (*a*)	1 yr....	6 mo..	.....	90 dys	Under guardianship, persons *non compos mentis*, or convicted of felony and treason, unless restored to civil rights.
Ohio*.	Citizen of the United States (*a*)	1 yr...	30 dys	20 dys	20 dys	Idiots, insane, and felons, persons in U.S. military and naval service on duty in Ohio.
Okla. Ter...	Citizen of the United States (*a*)	6 mo..	60 dys	60 dys	30 dys	Indians having tribal relations.
Oregon *...	White male citizen of United States or alien who has declared intention (*a*).	6 mo.	None.	None.	None..	Idiots, insane, convicted of felony, Chinese.
Penna. *....	Citizen of the United States at least one month, and if 22 years old or more must have paid tax within two years.	1 yr..	.....	.....	2 mo.	Convicted of perjury and fraud as election officers, or bribery of voters.
Rhode I. *	Citizen of the United States.. ..	2 yr(*b*)	.....	6 mo..	.....	Paupers, lunatics (*g*).
S. Car.....	Citizen of the United States (*e*)	2 yr(*c*)	1 yr...	4 mo..	4 mo..	Convicted of felony, crimes against election laws, unless pardoned, idiots, insane, paupers.
S. Dak. *...	Citizen of the United States or alien who has declared intention, Indian who has severed tribal relations (*a*).	6 mo §	30 dys	10 dys	10 dys	Under guardianship, insane, convicted of treason or felony, unless pardoned, U.S. soldiers, seamen, and marines.
Tenn. *	Citizen of the U. S. who has paid poll-tax of preceding year.	1 yr...	6 mo.	.....	.....	Convicted of bribery or other infamous offence.
Texas*.....	Citizen of the U. S. or alien who has declared intention six months prior to election.	1 yr...	6 mo..	.....	(*d*)	Idiots, lunatics, paupers, convicted of felony, United States soldiers, marines, and seamen.
Utah*.....	Citizen of the United States, male or female, who has been a citizen ninety days.	1 yr....	4 mo..	.....	60 dys	Idiots, insane, convicted of treason or crime against elective franchise, unless pardoned.
Vermont *	Citizen of the United States.....	1 yr...	.....	3 mo..	30 dys	Those who have not obtained the approbation of the board of civil authority of the town in which they reside.
Virginia* ..	Citizen of the United States.....	1 yr...	3 mo..	3 mo..	.....	Idiots, lunatics (*f*).
Wash'n* ..	Citizen of the United States and all residents of Territory prior to Statehood (*a*).	1 yr...	90 dys	30 dys	30 dys	Idiots, lunatics, convicted of infamous crimes, Indians not taxed.
West Va. *	Citizen of the State.....	1 yr...	60 dys	.....	(*d*)	Paupers, idiots, lunatics, convicted of treason, felony, or bribery at elections.
Wis. *.....	Citizen of United States or alien who has declared intention.	1 yr...	.....	10 dys	10 dys	Under guardianship, Indians having tribal relations, insane, convicted of treason or felony, betting on elections.
Wyom. *...	Citizen of the United States, male or female.	1 yr...	60 dys	.....	10 dys	Idiots, insane, convicted of infamous crimes, unable to read State Constitution in the English language.

* Australian Ballot law or a modification of it in force. † Indian must have severed tribal relations. § One year's residence in the United States prior to election required. (a) Women can vote in school elections. (b) Owners of real estate, one year. (c) Ministers in charge of an organized church and teachers of public schools are entitled to vote after six months' residence in the State. (d) Actual residence in the precinct or district required. (e) Who has paid six months before election any poll-tax then due, and can read and write any section of the State Constitution, or can show that he owns and has paid all taxes due the previous year on property in the State assessed at $300 or more. (f) Or convicted of bribery at election, embezzlement of public funds, treason, felony, and petty larceny, duelists and abettors, unless pardoned by Legislature. (g) Or persons non compos mentis, convicted of bribery or infamous crime, until restored to right to vote, under guardianship. (h) Except Pueblo Indians, if "acequia" officers. (i) Also those who deny the being of Almighty God.

Residents of the District of Columbia never had the right to vote therein for national officers, or on other matters of national concern, after the territory embraced in it was ceded to the United States, and became the seat of the general government. But from 1802 to June 20, 1874, the citizens of Washington, and from January 1, 1790, to said date the citizens of Georgetown, were entitled to vote on municipal subjects and for certain municipal officers. The citizens of the portion of the District outside of Washington and Georgetown were entitled to the privilege of voting on municipal subjects from April 20, 1871, to June 20, 1874, but that suffrage was abolished in the District of Columbia June 20, 1874, by an act of Congress of that date.

For laws requiring Registration of Voters, see next page.

Requirements Regarding Registration of Voters.

(Continuation of "Qualifications for Voting," on preceding pages.)

THE registration of voters is required in the States of Alabama, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois (at each Congressional election), Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Nevada, New Jersey, North Carolina, Pennsylvania (voter not registered can vote upon proof of residence), South Carolina, Tennessee, Utah, Virginia, and the Territories of Arizona and New Mexico.

In New York it is required in cities and villages containing upward of 5,000 population. Personal appearance not required in towns or villages of less than 5,000 inhabitants.

In Vermont must take freemen's oath before voting first time, no registration required.

In Iowa in cities having 3,500 inhabitants. In Nebraska in cities of over 7,000 inhabitants.

In Kentucky in cities and towns having a population of 3,000 or more, in Kansas in cities of the first and second class, in North Dakota in cities and villages of 1,000 inhabitants and over, in Ohio in cities of first and second class, in Maine in all cities and in towns having 500 or more voters. In Oklahoma Territory in cities of the first class.

In Missouri it is required in cities of 100,000 inhabitants and over, and in Wisconsin in cities of 2,000 inhabitants or more and in townships of 3,000 inhabitants or more.

In Rhode Island non-taxpayers are required to register yearly before December 31. In Texas in cities of 10,000 inhabitants or over. South Dakota has a registration law, but if voter is not registered he may prove qualifications when he offers to vote.

In the State of Washington all voters in all cities and towns and all voting precincts having a voting population of 250 or more must be registered.

The registration of voters is not required in Indiana or New Hampshire. It is prohibited in Arkansas and West Virginia by constitutional provision.

Oregon has a registration law which requires all persons desiring to exercise the right of voting to register with a notary public, justice of the peace, or the county clerk, between the first Monday in January and the fifteenth day of May, 1900, and between those dates biennially thereafter. If elector has not registered he may, by proof of his residence and qualifications upon his own oath and that of six electors who know him, be permitted to vote.

In Wyoming no person can vote without registering. If sick or absent at time of registration, can make proof of fact by two witnesses, and be registered on election day.

Woman Suffrage.

IN 1899 woman suffrage bills were defeated in the Legislatures of Massachusetts, Maine, Connecticut, Vermont, Illinois, Oklahoma, Arizona, Indiana, Missouri, Michigan, and California.

Woman suffrage amendments to the Constitution were defeated by the people in the State elections of 1898 in South Dakota and Washington.

In Colorado, Idaho, Utah, and Wyoming women have full suffrage and vote for all officers, including Presidential electors. The Woman Suffrage law was adopted in Wyoming in 1870, and in Colorado in 1893, and woman suffrage is a constitutional provision in Utah and Wyoming.

In Indiana women may hold any office under the school laws, but cannot vote for any such officer.

In Kansas women exercise the suffrage largely in municipal elections.

In some form, mainly as to taxation or the selection of school officers, woman suffrage exists in a limited way in Arizona, Connecticut, Delaware, Illinois, Iowa, Kentucky, Massachusetts, Michigan, Minnesota, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Vermont, Washington, and Wisconsin.

In many European countries, in Australia and New Zealand, in Cape Colony, in Canada, and in parts of India women vote on various terms for municipal or school officers.

In the British House of Lords, June 26, 1899, a bill legalizing the election of women as councillors and aldermen was defeated by a vote of 182 to 68.

The New York State Association Opposed to the Extension of Suffrage to Women is an organization of women having its headquarters in New York. The Executive Committee is as follows: Mrs. Francis M. Scott, Chairman; Miss Eleanor G. Hewitt, Mrs. George White Field, Mrs. Richard Watson Gilder, Mrs. Gilbert E. Jones, Mrs. Elihu Root, Mrs. George Waddington, Mrs. Rossiter Johnson, Mrs. Winfield Moody, Mrs. Arthur M. Dodge, and Mrs. George Phillips. Mrs. Phillips is Secretary, 445 West Twenty-first Street, New York, and Mrs. Waddington, Treasurer. There are also societies in Massachusetts (Mrs. Robert W. Lord, Boston, Secretary), Illinois (Mrs. James B. Barnet, Chicago, Secretary), Iowa, and Washington, and others are being organized.

The National Women's Suffrage Association, Miss Susan B. Anthony, President, Mrs. C. Chapman Catt, Chairman of the Committee on Organization; office, Pulitzer Building, New York.

The Life-Saving Service.

THE ocean and lake coasts of the United States are picketed with the stations of the Life-Saving Service attached to the United States Treasury Department. Sumner I. Kimball is general superintendent, with headquarters at Washington, and there is a corps of inspectors, superintendents, station keepers, and crews, extending over the entire coast line, together with a Board on Life-Saving Appliances, composed of experts selected from the Revenue Marine Service, the Army, the Life-Saving Service, and civilians.

At the close of the last fiscal year the life-saving establishment embraced 265 stations, 193 being on the Atlantic coast, 56 on the lakes, 15 on the Pacific coast, and 1 at the falls of the Ohio, Louisville, Ky. In the following table are the statistics of the service:

	Year Ending June 30, 1899.	Since Introduction of Life-Saving System in 1871, to June 30, 1899.		Year Ending June 30, 1899.	Since Introduction of Life-Saving System in 1871, to June 30, 1899.
Disasters	428	11,170	Shipwrecked Persons Succored at Stations	751	14,627
Value Property Involved	$8,104,640	$169,438,599	Days' Succor Afforded	1,450	36,649
Value Property Saved	$6,261,900	$132,021,447	Vessels Totally Lost on U. S. Coasts	72	.....
Value Property Lost	$1,842,740	$37,407,152			
Persons Involved	3,903	85,891			
Persons Lost	56	908			

In addition to the foregoing there were 294 casualties to smaller craft, such as sailboats, rowboats, etc., on which there were 671 persons, of whom 664 were saved and 7 lost. The cost of the maintenance of the service during the year was $1,509,831.01.

Naturalization Laws of the United States.

THE conditions under and the manner in which an alien may be admitted to become a citizen of the United States are prescribed by Sections 2,165–74 of the Revised Statutes of the United States.

DECLARATION OF INTENTIONS.

The alien must declare upon oath before a circuit or district court of the United States or a district or supreme court of the Territories, or a court of record of any of the States having common law jurisdiction and a seal and clerk, two years at least prior to his admission, that it is, *bona fide*, his intention to become a citizen of the United States, and to renounce forever all allegiance and fidelity to any foreign prince or State, and particularly to the one of which he may be at the time a citizen or subject.

OATH ON APPLICATION FOR ADMISSION.

He must at the time of his application to be admitted declare on oath, before some one of the courts above specified, "that he will support the Constitution of the United States, and that he absolutely and entirely renounces and abjures all allegiance and fidelity to every foreign prince, potentate, State, or sovereignty, and particularly, by name, to the prince, potentate, State, or sovereignty of which he was before a citizen or subject," which proceedings must be recorded by the clerk of the court.

CONDITIONS FOR CITIZENSHIP.

If it shall appear to the satisfaction of the court to which the alien has applied that he has made a declaration to become a citizen two years before applying for final papers, and has resided continuously within the United States for at least five years, and within the State or Territory where such court is at the time held one year at least; and that during that time "he has behaved as a man of good moral character, attached to the principles of the Constitution of the United States, and well disposed to the good order and happiness of the same," he will be admitted to citizenship.

TITLES OF NOBILITY.

If the applicant has borne any hereditary title or order of nobility he must make an express renunciation of the same at the time of his application.

SOLDIERS.

Any alien of the age of twenty-one years and upward who has been in the armies of the United States, and has been honorably discharged therefrom, may become a citizen on his petition, without any previous declaration of intention, provided that he has resided in the United States at least one year previous to his application, and is of good moral character. (It is judicially decided that residence of one year in a particular State is not requisite.)

MINORS.

Any alien under the age of twenty-one years who has resided in the United States three years next preceding his arriving at that age, and who has continued to reside therein to the time he may make application to be admitted a citizen thereof, may, after he arrives at the age of twenty-one years, and after he has resided five years within the United States, including the three years of his minority, be admitted a citizen; but he must make a declaration on oath and prove to the satisfaction of the court that for two years next preceding it has been his *bona fide* intention to become a citizen.

CHILDREN OF NATURALIZED CITIZENS.

The children of persons who have been duly naturalized, being under the age of twenty-one years at the time of the naturalization of their parents, shall, if dwelling in the United States, be considered as citizens thereof.

CITIZENS' CHILDREN WHO ARE BORN ABROAD.

The children of persons who now are or have been citizens of the United States are, though born out of the limits and jurisdiction of the United States, considered as citizens thereof.

CHINESE.

The naturalization of Chinamen is expressly prohibited by Section 14, Chapter 126, Laws of 1882.

PROTECTION ABROAD TO NATURALIZED CITIZENS.

Section 2,000 of the Revised Statutes of the United States declares that "all naturalized citizens of the United States while in foreign countries are entitled to and shall receive from this Government the same protection of persons and property which is accorded to native-born citizens."

THE RIGHT OF SUFFRAGE.

The right to vote comes from the State, and is a State gift. Naturalization is a Federal right and is a gift of the Union, not of any one State. In nearly one-half of the Union aliens (who have declared intentions) vote and have the right to vote equally with naturalized or native-born citizens. In the other half only actual citizens may vote. (See Table of Qualifications for Voting in each State, on another page.) The Federal naturalization laws apply to the whole Union alike, and provide that no alien may be naturalized until after five years' residence. Even after five years' residence and due naturalization he is not entitled to vote unless the laws of the State confer the privilege upon him, and he may vote in several States six months after landing, if he has declared his intention, under United States law, to become a citizen.

Passport Regulations.

RULES governing the granting and issuing of passports in the United States:

1. BY WHOM ISSUED.—No one but the Secretary of State may grant and issue passports in the United States.—Revised Statutes, secs. 4075, 4076.

A citizen of the United States desiring to procure a passport while he is temporarily abroad should apply to the diplomatic representative of the United States in the country where he happens to be; or, in the absence of a diplomatic representative, to the consul-general of the United States; or, in the absence of both, to the consul of the United States. The necessary statement may be made before the nearest consular officer of the United States.

2. TO CITIZENS ONLY.—The law forbids the granting of a passport to any person who is not a citizen of the United States.—Revised Statutes, sec. 4076.

A person who has only made the declaration of intention to become a citizen of the United States cannot receive a passport.

3. APPLICATIONS.—A citizen of the United States in this country in order to procure a passport must make a written application, in the form of an affidavit, to the Secretary of State.

The affidavit must be attested by an officer authorized to administer oaths, and if he has an official seal it must be affixed. If he has no seal, his official character must be authenticated by certificate of the proper legal officer.

If the applicant signs by mark, two attesting witnesses to his signature are required.

The applicant is required to state the date and place of his birth, his occupation, and the place of his permanent residence, and to declare that he goes abroad for temporary sojourn and intends to return to the United States with the purpose of residing and performing the duties of citizenship therein.

The applicant must take the oath of allegiance to the Government of the United States.

The application must be accompanied by a description of the person applying, and should state the following particulars, viz.: Age, —— years; stature, —— feet —— inches (English measure); forehead, ——; eyes, ——; nose, ——; mouth, ——; chin, ——; hair, ——; complexion, ——; face, ——.

The application must be accompanied by a certificate from at least one credible witness that the applicant is the person he represents himself to be, and that the facts stated in the affidavit are true to the best of the witness's knowledge and belief.

4. NATIVE CITIZENS.—An application containing the information indicated by rule 3 will be sufficient evidence in the case of native citizens.

5. A PERSON BORN ABROAD WHOSE FATHER WAS A NATIVE OF THE UNITED STATES.—In addition to the statements required by rule 3, his application must show that his father was born in the United States, has resided therein, and was a citizen at the time of the applicant's birth. The Department may require that this affidavit be supported by that of one other citizen acquainted with the facts.

6. NATURALIZED CITIZENS.—In addition to the statements required by rule 3, a naturalized citizen must transmit his certificate of naturalization, or a duly certified copy of the court record thereof, with his application. It will be returned to him after inspection. He must state in his affidavit when and from what port he emigrated to this country, what ship he sailed in, where he has lived since his arrival in the United States, when and before what court he was naturalized, and that he is the identical person described in the certificate of naturalization. The signature to the application should conform in orthography to the applicant's name as written in the naturalization paper, which the Department follows.

7. THE WIFE OR WIDOW OF A NATURALIZED CITIZEN.—In addition to the statements required by rule 3, she must transmit for inspection her husband's naturalization certificate, must state that she is the wife or widow of the person described therein, and must set forth the facts of his emigration, naturalization, and residence, as required in the rule governing the application of a naturalized citizen.

8. THE CHILD OF A NATURALIZED CITIZEN CLAIMING CITIZENSHIP THROUGH THE NATURALIZATION OF THE FATHER.—In addition to the statements required by rule 3, the applicant must state that he or she is the son or daughter, as the case may be, of the person described in the naturalization certificate, which must be submitted for inspection, and must set forth the facts of his emigration, naturalization, and residence, as required in the rule governing the application of a naturalized citizen.

9. EXPIRATION OF PASSPORT.—A passport expires two years from the date of its issuance. A new one will be issued upon a new application, and if the applicant be a naturalized citizen, the old passport will be accepted in lieu of a naturalized certificate, if the application upon which it was issued is found to contain sufficient information as to the emigration, residence, and naturalization of the applicant.

10. WIFE, MINOR CHILDREN, AND SERVANTS.—When an applicant is accompanied by his wife, minor children, or servant, being an American citizen, it will be sufficient to state the fact, giving the respective ages of the children and the citizenship of the servant, when one passport will suffice for all. For any other person in the party a separate passport will be required. A woman's passport may include her minor children and servant under the above-named conditions.

11. PROFESSIONAL TITLES.—They will not be inserted in passports.

12. FEE.—By act of Congress approved March 23, 1888, a fee of one dollar is required to be collected for every citizen's passport. That amount in currency or postal money order should accompany each application. Orders should be payable to the Disbursing Clerk of the Department of State. Drafts or checks will not be received.

13. BLANK FORMS OF APPLICATION.—They will be furnished by the Department to persons who desire to apply for passports, upon their stating whether they are native or naturalized citizens or claim through the naturalization of husband or father. Forms are not furnished, except as samples, to those who make a business of procuring passports.

14. ADDRESS.—Communications should be addressed to the Department of State, Passport Division, and each communication should give the post-office address of the person to whom the answer is to be directed.

15. REJECTION OF APPLICATION.—The Secretary of State may refuse to issue a passport to any one who, he has reason to believe, desires it for an unlawful or improper purpose, or who is unable or unwilling to comply with the rules.

Section 4075 of the Revised Statutes of the United States providing that "the Secretary of State may grant and issue passports, and cause passports to be granted, issued, and verified in foreign countries by such diplomatic or consular officers of the United States, and under such rules as the President shall designate and prescribe for and on behalf of the United States," the foregoing rules are hereby prescribed for the granting and issuing of passports in the United States.

The Secretary of State is authorized to make regulations on the subject of issuing and granting passports additional to these rules and not inconsistent with them.

WILLIAM McKINLEY.

EXECUTIVE MANSION, Washington, May 21, 1898.

The United States Board on Geographic Names.

AN EXECUTIVE ORDER issued by President Harrison Sept. 4, 1890, requires that uniform usage in regard to geographic nomenclature and orthography shall obtain throughout the Executive Departments of the Government, and particularly upon maps and charts issued by the various departments and bureaus. To this Board must be referred all unsettled questions concerning geographic names which arise in the departments, and its decisions are to be accepted by the departments as the standard authority in such matters.

MEMBERS OF THE BOARD.

Chairman—Henry Gannett, United States Geological Survey.

Secretary—Marcus Baker, United States Geological Survey.

Andrew H. Allen, Department of State; A. B. Johnson, of the Light-House Board; Commander Joseph E. Craig, Hydrographic Office, Navy Department; A. Von Haake, Post-Office Department; Otis T. Mason, Smithsonian Institution; Herbert G. Ogden, United States Coast and Geodetic Survey; Harry King, General Land Office; Capt. G. W. Goethals, Captain of Engineers, U. S. A.

Constitution of the United States.

Preamble. WE, the people of the United States, in order to form a more perfect Union, establish justice, insure domestic tranquillity, provide for the common defence, promote the general welfare, and secure the blessings of liberty to ourselves and our posterity, do ordain and establish this CONSTITUTION for the United States of America.

ARTICLE I.

Legislative powers. SECTION I. All legislative powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

House of Representatives. SECTION II. 1. The House of Representatives shall be composed of members chosen every second year by the people of the several States, and the electors in each State shall have the qualifications requisite for electors of the most numerous branch of the State Legislature.

Qualifications of Representatives. 2. No person shall be a Representative who shall not have attained to the age of twenty-five years, and been seven years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State in which he shall be chosen.

Apportionment of Representatives. 3. Representatives and direct taxes shall be apportioned among the several States which may be included within this Union according to their respective numbers, which shall be determined by adding to the whole number of free persons, including those bound to service for a term of years, and excluding Indians not taxed, three-fifths of all other persons. The actual enumeration shall be made within three years after the first meeting of the Congress of the United States, and within every subsequent term of ten years, in such manner as they shall by law direct. The number of Representatives shall not exceed one for every thirty thousand, but each State shall have at least one Representative; and until such enumeration shall be made, the State of New Hampshire shall be entitled to choose 3; Massachusetts, 8; Rhode Island and Providence Plantations, 1; Connecticut, 5; New York, 6; New Jersey, 4; Pennsylvania, 8; Delaware, 1; Maryland, 6; Virginia, 10; North Carolina, 5; South Carolina, 5, and Georgia, 3.*

Vacancies, how filled. 4. When vacancies happen in the representation from any State, the Executive Authority thereof shall issue writs of election to fill such vacancies.

Officers, how appointed. 5. The House of Representatives shall choose their Speaker and other officers, and shall have the sole power of impeachment.

Senate. SECTION III. 1. The Senate of the United States shall be composed of two Senators from each State, chosen by the Legislature thereof, for six years; and each Senator shall have one vote.

Classification of Senators. 2. Immediately after they shall be assembled in consequence of the first election, they shall be divided as equally as may be into three classes. The seats of the Senators of the first class shall be vacated at the expiration of the second year, of the second class at the expiration of the fourth year, and of the third class at the expiration of the sixth year, so that one-third may be chosen every second year; and if vacancies happen by resignation, or otherwise, during the recess of the Legislature of any State, the Executive thereof may make temporary appointment until the next meeting of the Legislature, which shall then fill such vacancies.

Qualifications of Senators. 3. No person shall be a Senator who shall not have attained to the age of thirty years, and been nine years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State for which he shall be chosen.

President of the Senate. 4. The Vice President of the United States shall be President of the Senate, but shall have no vote unless they be equally divided.

5. The Senate shall choose their other officers, and also a President pro tempore, in the absence of the Vice-President, or when he shall exercise the office of President of the United States.

Senate a court for trial of impeachments. 6. The Senate shall have the sole power to try all impeachments. When sitting for that purpose, they shall be on oath or affirmation. When the President of the United States is tried, the Chief Justice shall preside; and no person shall be convicted without the concurrence of two-thirds of the members present.

Judgment in case of conviction. 7. Judgment in cases of impeachment shall not extend further than to removal from office, and disqualification to hold and enjoy any office of honor, trust, or profit under the United States; but the party convicted shall nevertheless be liable and subject to indictment, trial, judgment, and punishment, according to law.

Elections of Senators and Representatives. SECTION IV. 1. The times, places, and manner of holding elections for Senators and Representatives shall be prescribed in each State by the Legislature thereof; but the Congress may at any time by law make or alter such regulations, except as to places of choosing Senators.

Meeting of Congress. 2. The Congress shall assemble at least once in every year, and such meeting shall be on the first Monday in December, unless they shall by law appoint a different day.

Organization of Congress. SECTION V. 1. Each House shall be the judge of the elections, returns, and qualifications of its own members, and a majority of each shall constitute a quorum to do business; but a smaller number may adjourn from day to day, and may be authorized to compel the attendance of absent members in such manner and under such penalties as each House may provide.

Rule of proceedings. 2. Each House may determine the rules of its proceedings, punish its members for disorderly behavior, and with the concurrence of two-thirds expel a member.

Journals of each House. 3. Each House shall keep a journal of its proceedings, and from time to time publish the same, excepting such parts as may in their judgment require secrecy; and the yeas and nays of the members of either House on any question shall, at the desire of one-fifth of those present, be entered on the journal.

Adjournment of Congress. 4. Neither House, during the session of Congress, shall, without the consent of the other, adjourn for more than three days, nor to any other place than that in which the two Houses shall be sitting.

Pay and privileges of members. SECTION VI. 1. The Senators and Representatives shall receive a compensation for their services, to be ascertained by law, and paid out of the Treasury of the United States. They shall in all cases, except treason, felony, and breach of the peace, be privileged from arrest during their attendance at the session of their respective Houses, and in going to and returning from the same; and for any speech or debate in either House they shall not be questioned in any other place.

Other offices prohibited. 2. No Senator or Representative shall, during the time for which he was elected, be appointed to any civil office under the authority of the United States which shall have been created, or the emoluments whereof shall have been increased during such time; and no person holding any office under the United States shall be a member of either House during his continuance in office.

Revenue bills. SECTION VII. 1. All bills for raising revenue shall originate in the House of Representatives, but the Senate may propose or concur with amendments, as on other bills.

How bills become laws. 2. Every bill which shall have passed the House of Representatives and the Senate shall, before it become a law, be presented to the President of the United States; if he approve, he shall sign it, but if not, he shall return it, with his objections, to that House in which it shall have originated, who shall enter the objections at large on their journal, and proceed to reconsider it. If after such reconsideration two-thirds of that House shall agree to pass the bill, it shall be sent, together with the objections, to the other House, by which it shall likewise be reconsidered; and if approved by two-thirds of that House it shall become a law. But in all such cases the votes of both Houses shall be determined by yeas and nays, and the names of the persons voting for and against the bill shall be entered on the journal of each House respectively. If any bill shall not be returned by the President within ten days (Sundays excepted) after it shall have been presented to him, the same shall be a law in like manner as if he had signed it, unless the Congress by their adjournment prevent its return; in which case it shall not be a law.

---

* See Article XIV., Amendments.

Approval and veto powers of the President.

3. Every order, resolution, or vote to which the concurrence of the Senate and House of Representatives may be necessary (except on a question of adjournment) shall be presented to the President of the United States; and before the same shall take effect shall be approved by him, or being disapproved by him, shall be repassed by two-thirds of the Senate and the House of Representatives, according to the rules and limitations prescribed in the case of a bill.

Powers vested in Congress.

SECTION VIII. 1. The Congress shall have power:

To lay and collect taxes, duties, imposts, and excises, to pay the debts and provide for the common defence and general welfare of the United States: but all duties, imposts, and excises shall be uniform throughout the United States.

2. To borrow money on the credit of the United States.

3. To regulate commerce with foreign nations, and among the several States, and with the Indian tribes.

4. To establish an uniform rule of naturalization and uniform laws on the subject of bankruptcies throughout the United States.

5. To coin money, regulate the value thereof, and of foreign coin, and fix the standard of weights and measures.

6. To provide for the punishment of counterfeiting the securities and current coin of the United States.

7. To establish post-offices and post-roads.

8. To promote the progress of science and useful arts by securing for limited times to authors and inventors the exclusive rights to their respective writings and discoveries.

9. To constitute tribunals inferior to the Supreme Court.

10. To define and punish piracies and felonies committed on the high seas, and offences against the law of nations.

11. To declare war, grant letters of marque and reprisal, and make rules concerning captures on land and water.

12. To raise and support armies, but no appropriation of money to that use shall be for a longer term than two years.

13. To provide and maintain a navy.

14. To make rules for the government and regulation of the land and naval forces.

15. To provide for calling forth the militia to execute the laws of the Union, suppress insurrections, and repel invasions.

16. To provide for organizing, arming, and disciplining the militia, and for governing such part of them as may be employed in the service of the United States, reserving to the States respectively the appointment of the officers, and the authority of training the militia according to the discipline prescribed by Congress.

17. To exercise exclusive legislation in all cases whatsoever over such district (not exceeding ten miles square) as may, by cession of particular States and the acceptance of Congress, become the seat of Government of the United States, and to exercise like authority over all places purchased by the consent of the Legislature of the State in which the same shall be, for the erection of forts, magazines, arsenals, dry-docks, and other needful buildings.

18. To make all laws which shall be necessary and proper for carrying into execution the foregoing powers, and all other powers vested by this Constitution in the Government of the United States, or in any department or officer thereof.

Immigrants, how admitted.

SECTION IX. 1. The migration or importation of such persons as any of the States now existing shall think proper to admit shall not be prohibited by the Congress prior to the year one thousand eight hundred and eight, but a tax or duty may be imposed on such importation, not exceeding ten dollars for each person.

Habeas corpus.

2. The privilege of the writ of habeas corpus shall not be suspended, unless when in cases of rebellion or invasion the public safety may require it.

Attainder.

3. No bill of attainder or ex post facto law shall be passed.

Direct taxes.

4. No capitation or other direct tax shall be laid, unless in proportion to the census or enumeration hereinbefore directed to be taken.

Regulations regarding customs duties.

5. No tax or duty shall be laid on articles exported from any State.

6. No preference shall be given by any regulation of commerce or revenue to the ports of one State over those of another, nor shall vessels bound to or from one State be obliged to enter, clear, or pay duties in another.

Moneys, how drawn.

7. No money shall be drawn from the Treasury but in consequence of appropriations made by law; and a regular statement and account of the receipts and expenditures of all public money shall be published from time to time.

Titles of nobility prohibited.

8. No title of nobility shall be granted by the United States. And no person holding any office of profit or trust under them shall, without the consent of the Congress, accept of any present, emolument, office, or title of any kind whatever from any king, prince, or foreign state.

Powers of States defined.

SECTION X. 1. No State shall enter into any treaty, alliance, or confederation, grant letters of marque and reprisal, coin money, emit bills of credit, make anything but gold and silver coin a tender in payment of debts, pass any bill of attainder, ex post facto law, or law impairing the obligation of contracts, or grant any title of nobility.

2. No State shall, without the consent of the Congress, lay any impost or duties on imports or exports, except what may be absolutely necessary for executing its inspection laws, and the net produce of all duties and imposts, laid by any State on imports or exports, shall be for the use of the Treasury of the United States; and all such laws shall be subject to the revision and control of the Congress.

3. No State shall, without the consent of Congress, lay any duty of tonnage, keep troops or ships of war in time of peace, enter into any agreement or compact with another State, or with a foreign power, or engage in war, unless actually invaded, or in such imminent danger as will not admit of delay.

ARTICLE II.

Executive power, in whom vested.

SECTION I. 1. The Executive power shall be vested in a President of the United States of America. He shall hold his office during the term of four years, and, together with the Vice-President, chosen for the same term, be elected as follows:

Electors.

2. Each State shall appoint, in such manner as the Legislature thereof may direct, a number of electors, equal to the whole number of Senators and Representatives to which the State may be entitled in the Congress; but no Senator or Representative or person holding an office of trust or profit under the United States shall be appointed an elector.

Proceedings of electors.

3. [The electors shall meet in their respective States and vote by ballot for two persons, of whom one at least shall not be an inhabitant of the same State with themselves. And they shall make a list of all the persons voted for, and of the number of votes for each, which list they shall sign and certify and transmit, sealed, to the seat of the government of the United States, directed to the President of the Senate. The President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted. The person having the greatest number of votes shall be the President, if such number be a majority of the whole number of electors appointed, and if there be more than one who have such majority, and have an equal number of votes, then the House of Representatives shall immediately choose by ballot one of them for President; and if no person have a majority, then from the five highest on the list the said House shall in like manner choose the President. But in choosing the President, the vote shall be taken by States, the representation from each State having one vote. A quorum, for this purpose, shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. In every case, after the choice of the President, the person having the greatest number of votes of the electors shall be the Vice-President. But if there should remain two or more who have equal votes, the Senate shall choose from them by ballot the Vice-President.]*

Proceedings of the House of Representatives.

Time of choosing electors.

4. The Congress may determine the time of choosing the electors and the day on which they shall give their votes, which day shall be the same throughout the United States.

* This clause is superseded by Article XII., Amendments.

Qualifications of the President. 5. No person except a natural born citizen, or a citizen of the United States at the time of the adoption of this Constitution, shall be eligible to the office of President; neither shall any person be eligible to that office who shall not have attained to the age of thirty-five years and been fourteen years a resident within the United States.

Provision in case of his disability. 6. In case of the removal of the President from office, or of his death, resignation, or inability to discharge the powers and duties of the said office, the same shall devolve on the Vice-President, and the Congress may by law provide for the case of removal, death, resignation, or inability, both of the President and Vice-President, declaring what officer shall then act as President, and such officer shall act accordingly until the disability be removed or a President shall be elected.

Salary of the President. 7. The President shall, at stated times, receive for his services a compensation, which shall neither be increased nor diminished during the period for which he shall have been elected, and he shall not receive within that period any other emolument from the United States, or any of them.

Oath of the President. 8. Before he enter on the execution of his office he shall take the following oath or affirmation:

"I do solemnly swear (or affirm) that I will faithfully execute the office of President of the United States, and will, to the best of my ability, preserve, protect, and defend the Constitution of the United States."

Duties of the President. SECTION II. 1. The President shall be Commander-in-Chief of the Army and Navy of the United States, and of the militia of the several States when called into the actual service of the United States; he may require the opinion, in writing, of the principal officer in each of the executive departments upon any subject relating to the duties of their respective offices, and he shall have power to grant reprieves and pardons for offences against the United States except in cases of impeachment.

May make treaties, appoint ambassadors, judges, etc. 2. He shall have power, by and with the advice and consent of the Senate, to make treaties, provided two-thirds of the Senators present concur; and he shall nominate, and by and with the advice and consent of the Senate shall appoint ambassadors, other public ministers and consuls, judges of the Supreme Court, and all other officers of the United States whose appointments are not herein otherwise provided for, and which shall be established by law; but the Congress may by law vest the appointment of such inferior officers as they think proper in the President alone, in the courts of law, or in the heads of departments.

May fill vacancies. 3. The President shall have power to fill up all vacancies that may happen during the recess of the Senate, by granting commissions, which shall expire at the end of their next session.

May make recommendations to and convene Congress. SECTION III. He shall from time to time give to the Congress information of the state of the Union, and recommend to their consideration such measures as he shall judge necessary and expedient; he may, on extraordinary occasions, convene both Houses, or either of them, and in case of disagreement between them with respect to the time of adjournment, he may adjourn them to such time as he shall think proper; he shall receive ambassadors and other public ministers; he shall take care that the laws be faithfully executed, and shall commission all the officers of the United States.

How officers may be removed. SECTION IV. The President, Vice-President, and all civil officers of the United States shall be removed from office on impeachment for and conviction of treason, bribery, or other high crimes and misdemeanor.

ARTICLE III.

Judicial power, how invested. SECTION I. The judicial power of the United States shall be vested in one Supreme Court, and in such inferior courts as the Congress may from time to time ordain and establish. The judges, both of the Supreme and inferior courts, shall hold their offices during good behavior, and shall at stated times receive for their services a compensation which shall not be diminished during their continuance in office.

To what cases it extends. SECTION II. 1. The judicial power shall extend to all cases in law and equity arising under this Constitution, the laws of the United States, and treaties made, or which shall be made, under their authority; to all cases affecting ambassadors, other public ministers, and consuls; to all cases of admiralty and maritime jurisdiction; to controversies to which the United States shall be a party; to controversies between two or more States, between a State and citizens of another State, between citizens of different States, between citizens of the same State claiming lands under grants of different States, and between a State, or the citizens thereof, and foreign States, citizens, or subjects.

Jurisdiction of the Supreme Court. 2. In all cases affecting ambassadors, other public ministers, and consuls, and those in which a State shall be party, the Supreme Court shall have original jurisdiction. In all the other cases before-mentioned the Supreme Court shall have appellate jurisdiction both as to law and fact, with such exceptions and under such regulations as the Congress shall make.

Rules respecting trials. 3. The trial of all crimes, except in cases of impeachment, shall be by jury, and such trial shall be held in the State where the said crimes shall have been committed; but when not committed within any State the trial shall be at such place or places as the Congress may by law have directed.

Treason defined. SECTION III. 1. Treason against the United States shall consist only in levying war against them, or in adhering to their enemies, giving them aid and comfort. No person shall be convicted of treason unless on the testimony of two witnesses to the same overt act, or on confession in open court.

How punished. 2. The Congress shall have power to declare the punishment of treason, but no attainder of treason shall work corruption of blood or forfeiture except during the life of the person attained.

ARTICLE IV.

Rights of States and records. SECTION I. Full faith and credit shall be given in each State to the public acts, records, and judicial proceedings of every other State. And the Congress may by general laws prescribe the manner in which such acts, records, and proceedings shall be proved, and the effect thereof.

Privileges of citizens. SECTION II. 1. The citizens of each State shall be entitled to all privileges and immunities of citizens in the several States.

Executive requisitions. 2. A person charged in any State with treason, felony, or other crime, who shall flee from justice, and be found in another State, shall, on demand of the Executive authority of the State from which he fled, be delivered up, to be removed to the State having jurisdiction of the crime.

Laws regulating service or labor. 3. No person held to service or labor in one State, under the laws thereof, escaping into another shall, in consequence of any law or regulation therein, be discharged from such service or labor, but shall be delivered up on claim of the party to whom such service or labor may be due.

New States, how formed and admitted. SECTION III. 1. New States may be admitted by the Congress into this Union; but no new State shall be formed or erected within the jurisdiction of any other State, nor any State be formed by the junction of two or more States, or parts of States, without the consent of the Legislatures of the States concerned, as well as of the Congress.

Power of Congress over public lands. 2. The Congress shall have power to dispose of and make all needful rules and regulations respecting the territory or other property belonging to the United States; and nothing in this Constitution shall be so construed as to prejudice any claims of the United States, or of any particular State.

Republican government guaranteed. SECTION IV. The United States shall guarantee to every State in this Union a republican form of government, and shall protect each of them against invasion, and, on application of the Legislature, or of the Executive (when the Legislature cannot be convened), against domestic violence.

ARTICLE V.

Constitution, how amended. The Congress, whenever two-thirds of both Houses shall deem it necessary, shall propose amendments to this Constitution, or, on the application of the Legislatures of two-thirds of the several States, shall call a convention for proposing amendments, which, in either case, shall be valid to all intents and purposes, as part of this Constitution, when ratified by the Legislatures of three-fourths of the several States, or by conventions in three-fourths thereof, as the one or the other mode of ratification may be proposed by the Congress; provided that no amendment which may be made prior to the year one thousand eight hundred and eight shall in any manner affect the first and fourth clauses in the Ninth Section of the First Article; and that no State, without its consent, shall be deprived of its equal suffrage in the Senate.

ARTICLE VI.

Validity of debts recognized. 1. All debts contracted and engagements entered into before the adoption of this Constitution shall be as valid against the United States under this Constitution as under the Confederation.

Supreme law of the land defined.

2. This Constitution and the laws of the United States which shall be made in pursuance thereof and all treaties made, or which shall be made, under the authority of the United States, shall be the supreme law of the land, and the judges in every State shall be bound thereby, anything in the Constitutic or laws of any State to the contrary notwithstanding.

Oath; of whom required and for what.

3. The Senators and Representatives before mentioned, and the members of the several State Legislatures, and all executive and judicial officers, both of the United States and of the several States, shall be bound by oath or affirmation to support this Constitution; but no religious test shall ever be required as a qualification to any office or public trust under the United States.

ARTICLE VII.

Ratification of the Constitution.

The ratification of the Conventions of nine States shall be sufficient for the establishment of this Constitution between the States so ratifying the same.

AMENDMENTS TO THE CONSTITUTION.

ARTICLE I.

Religion and free speech.

Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech or of the press: or the right of the people peaceably to assemble, and to petition the Governmen for a redress of grievances.

ARTICLE II.

Right to bear arms.

A well-regulated militia being necessary to the security of a free State, the right of the people to keep and bear arms shall not be infringed.

ARTICLE III.

Soldiers in time of peace.

No soldier shall, in time of peace, be quartered in any house without the consent of the owner, nor in time of war but in a manner to be prescribed by law.

ARTICLE IV.

Right of search.

The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no warrants shall issue but upon probable cause, supported by oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

ARTICLE V.

Capital crimes and arrest therefor.

No person shall be held to answer for a capital or other infamous crime unless on a presentment or indictment of a grand jury, except in cases arising in the land or naval forces, or in the militia, when in actual service, in time of war or public danger; nor shall any person be subject for the same offence to be twice put in jeopardy of life or limb; nor shall be compelled in any criminal case to be a witness against himself, nor be deprived of life, liberty, or property, without due process of law; nor shall private property be taken for public use without just compensation.

ARTICLE VI.

Right to speedy trial.

In all criminal prosecutions, the accused shall enjoy the right to a speedy and public trial, by an impartial jury of the State and district wherein the crime shall have been committed, which district shall have been previously ascertained by law, and to be informed of the nature and cause of the accusation; to be confronted with the witnesses against him; to have compulsory process for obtaining witnesses in his favor, and to have the assistance of counsel for his defence.

ARTICLE VII.

Trial by jury.

In suits at common law, where the value in controversy shall exceed twenty dollars, the right of trial by jury shall be preserved, and no fact tried by a jury shall be otherwise re-examined in any court of the United States than according to the rules of the commor law

ARTICLE VIII.

Excessive bail.

Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishments inflicted.

ARTICLE IX.

Enumeration of rights.

The enumeration in the Constitution of certain rights shal not be construed to deny or disparage others retained by the people.

ARTICLE X.

Reserved rights of States.

The powers not delegated to the United States by the Constitution, nor prohibited by it to the States, are reserved to the States respectively, or to the people.

ARTICLE XI.

Judicial power.

The judicial power of the United States shall not be construed to extend to any suit in law or equity, commenced or prosecuted against one of the United States, by citizens of another State, or by citizens or subjects of any foreign State.

ARTICLE XII.

Electors in Presidential elections.

The electors shall meet in their respective States, and vote by ballot for President and Vice-President, one of whom at least shall not be an inhabitant of the same State with themselves; they shall name in their ballots the person voted for as President, and in distinct ballots the person voted for as Vice-President; and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which list they shall sign and certify, and transmit, sealed, to the seat of the Government of the United States, directed to the President of the Senate; the President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted; the person having the greatest number of votes for President shall be the President, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President, the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President, whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in the case of the death or other constitutional disability of the President. The person having the greatest number of votes as Vice-President shall be the Vice-President, if such number be a majority of the whole number of electors appointed, and if no person have a majority, then from the two highest numbers on the list the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice. But no person constitutionally ineligible to the office of President saall be eligible to that of Vice-President of the United States

Vice-President.

ARTICLE XIII.

Slavery prohibited.

1. Neither slavery nor involuntary servitude, except as a punishment for crime whereof the party shall have been duly convicted, shall exist within the United States, or any place subject to their jurisdiction.

2. Congress shall have power to enforce this article by appropriate legislation.

CONSTITUTION OF THE UNITED STATES—*Continued.*

ARTICLE XIV.

Protection for all citizens.

1. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States and of the State wherein they reside. No State shall make or enforce any law which shall abridge the privileges or immunities of citizens of the United States; nor shall any State deprive any person of life, liberty, or property without due process of law, nor deny to any person within its jurisdiction the equal protection of the laws.

Appointment of Representatives.

2. Representatives shall be apportioned among the several States according to their respective numbers, counting the whole number of persons in each State, excluding Indians not taxed. But when the right to vote at any election for the choice of electors for President and Vice-President of the United States, Representatives in Congress, the executive and judicial officers of a State, or the members of the Legislature thereof, is denied to any of the male members of such State, being of twenty-one years of age, and citizens of the United States, or in any way abridged, except for participation in rebellion or other crime, the basis of representation therein shall be reduced in the proportion which the number of such male citizens shall bear to the whole number of male citizens twenty-one years of age in such State.

Rebellion against the United States.

3. No person shall be a Senator or Representative in Congress, or elector of President and Vice-President, or holding any office, civil or military, under the United States, or under any State, who, having previously taken an oath, as a member of Congress, or as an officer of the United States, or as a member of any State Legislature, or as an executive or judicial officer of any State, to support the Constitution of the United States, shall have engaged in insurrection or rebellion against the same, or given aid and comfort to the enemies thereof. But Congress may, by a vote of two-thirds of each House, remove such disability.

The public debt.

4. The validity of the public debt of the United States, authorized by law, including debts incurred for payment of pensions and bounties for services in suppressing insurrection and rebellion, shall not be questioned. But neither the United States nor any State shall assume or pay any debt or obligation incurred in aid of insurrection or rebellion against the United States, or any claim for the loss or emancipation of any slave; but all such debts, obligations, and claims shall be held illegal and void.

5. The Congress shall have power to enforce by appropriate legislation the provisions of this article.

ARTICLE XV.

Right of suffrage.

1. The right of the citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of race, color, or previous condition of servitude.

2. The Congress shall have power to enforce the provisions of this article by appropriate legislation.

RATIFICATION OF THE CONSTITUTION.

The Constitution was ratified by the thirteen original States in the following order:

Delaware, December 7, 1787, unanimously.
Pennsylvania, December 12, 1787, vote 46 to 23.
New Jersey, December 18, 1787, unanimously.
Georgia, January 2, 1788, unanimously.
Connecticut, January 9, 1788, vote 128 to 40.
Massachusetts, February 6, 1788, vote 187 to 168.
Maryland, April 28, 1788, vote 63 to 12.
South Carolina, May 23, 1788, vote 149 to 73.
New Hampshire, June 21, 1788, vote 57 to 46.
Virginia, June 25, 1788, vote 89 to 79.
New York, July 26, 1788, vote 30 to 28.
North Carolina, November 21, 1789, vote 193 to 75.
Rhode Island, May 29, 1790, vote 34 to 32.

RATIFICATION OF THE AMENDMENTS.

I. to X. inclusive were declared in force December 15, 1791.
XI. was declared in force January 8, 1798.
XII., regulating elections, was ratified by all the States except Connecticut, Delaware, Massachusetts, and New Hampshire, which rejected it. It was declared in force September 28, 1804.
XIII. The emancipation amendment was ratified by 31 of the 36 States; rejected by Delaware and Kentucky, not acted on by Texas; conditionally ratified by Alabama and Mississippi. Proclaimed December 18, 1865.
XIV. Reconstruction amendment was ratified by 23 Northern States; rejected by Delaware, Kentucky, Maryland, and 10 Southern States, and not acted on by California. The 10 Southern States subsequently ratified under pressure. Proclaimed July 28, 1886.
XV. Negro citizenship amendment was not acted on by Tennessee, rejected by California, Delaware, Kentucky, Maryland, New Jersey, and Oregon; ratified by the remaining 30 States. New York rescinded its ratification January 5, 1870. Proclaimed March 30, 1870.

National Municipal League.

President—James C. Carter, New York. *First Vice-President*—Charles Richardson, Philadelphia. *Second Vice-President*—Samuel B. Capen, Boston. *Third Vice-President*—Thomas N. Strong, Portland, Ore. *Fourth Vice-President*—Edmund J. James, Chicago. *Fifth Vice-President*—H. Dickson Bruns, New Orleans. *Secretary*—Clinton Rogers Woodruff, 1112 Girard Building, Philadelphia. *Treasurer*—George Burnham, Jr., Philadelphia. *Executive Committee*—Chairman, Charles J. Bonaparte, Baltimore; Hector McIntosh, Philadelphia; Joseph A. Miller, Providence; George W. Ochs, New York; Harry A. Garfield, Cleveland; Oliver McClintock, Pittsburgh, Pa.; William G. Low, Brooklyn; Dudley Tibbits, Troy; F. N. Hartwell, Louisville; John A. Butler, Milwaukee; George W. Guthrie, Pittsburgh, and the officers. The League is composed of associations formed in cities of the United States, and having as an object the improvement of municipal government. It has no connection with State or National parties or issues, and confines itself strictly to municipal affairs. Any association belonging to the League may withdraw at any time.

In affiliation with the National League are over seventy municipal reform associations, comprised of the Good Government Clubs, Municipal Leagues, Reform Leagues, Taxpayers' Associations, and other local reform associations of cities throughout the Union.

League of American Municipalities.

President—H. V. Johnson, Mayor of Denver, Col. *Vice-Presidents*—J. A. Johnson, Mayor of Fargo, N. Dak.; C. T. Driscoll, Mayor of New Haven, Ct.; W. C. Flower, Mayor of New Orleans. *Treasurer*—Thomas P. Taylor, Bridgeport, Ct. *Secretary*—B. F. Gilkison, Downing Building, New York City. *Trustees*—J. Adger Smyth, Mayor of Charleston, S. C.; Chas. S. Ashley, Mayor of New Bedford, Mass., and J. T. Hartley, Columbus, Ohio.

The objects of the League of American Municipalities are as follows: The general improvement and facilitation of every branch of municipal administration by the following means: First—The perpetuation of the organization as an agency for the co-operation of American cities in the practical study of all questions pertaining to municipal administration. Second—The holding of annual conventions for the discussion of contemporaneous municipal affairs. Third—The establishment and maintenance of a central bureau of information for the collection, compilation, and dissemination of statistics, reports, and all kinds of information relative to municipal government. The membership of the League includes nearly all of the important cities in this country. The annual meeting for 1900 will be held at Charleston, S. C.

Presidents of the United States.

	Name.	Birthplace.	Year.	Paternal Ancestry.	Residence.	Inaugurated. Year.	Inaugurated. Age.	Politics	Place of Death.	Year.	Age.
1	George Washington	Westmoreland Co., Va.	1732	English	Va.	1789	57	Fed	Mt. Vernon, Va.	1799	67
2	John Adams	Quincy, Mass.	1735	English	Mass.	1797	62	Fed	Quincy, Mass.	1826	90
3	Thomas Jefferson	Shadwell, Va.	1742	Welsh	Va.	1801	58	Rep.†	Monticello, Va.	1826	83
4	James Madison	Port Conway, Va.	1751	English	Va.	1809	58	Rep	Montpelier, Va.	1836	85
5	James Monroe	Westmoreland Co., Va.	1758	Scotch	Va.	1817	59	Rep	New York City	1831	73
6	John Quincy Adams	Quincy, Mass.	1767	English	Mass.	1825	58	Rep.‡	Washington, D. C.	1848	80
7	Andrew Jackson	Union Co., N. C.*	1767	Scotch-Irish.	Tenn.	1829	62	Dem	Hermitage, Tenn.	1845	78
8	Martin Van Buren	Kinderhook, N. Y.	1782	Dutch	N. Y.	1837	55	Dem	Lindenwold, N. Y.	1862	79
9	William H. Harrison	Berkeley, Va.	1773	English	O	1841	68	Whig	Washington, D. C.	1841	68
10	John Tyler	Greenway, Va.	1790	English	Va.	1841	51	Dem	Richmond, Va.	1862	72
11	James K. Polk	Mecklenburg Co., N. C.	1795	Scotch-Irish.	Tenn.	1845	50	Dem	Nashville, Tenn.	1849	53
12	Zachary Taylor	Orange Co., Va.	1784	English	La	1849	65	Whig	Washington, D. C.	1850	65
13	Millard Fillmore	Summerhill, N. Y.	1800	English	N. Y.	1850	50	Whig	Buffalo, N. Y.	1874	74
14	Franklin Pierce	Hillsboro, N. H.	1804	English	N. H.	1853	49	Dem	Concord, N. H.	1869	64
15	James Buchanan	Cove Gap, Pa.	1791	Scotch-Irish.	Pa.	1857	66	Dem	Wheatland, Pa.	1868	77
16	Abraham Lincoln	Larue Co., Ky.	1809	English	Ill	1861	52	Rep	Washington, D. C.	1865	56
17	Andrew Johnson	Raleigh, N. C.	1808	English	Tenn.	1865	57	Rep	Carter's Depot, Tenn.	1875	66
18	Ulysses S. Grant	Point Pleasant, O.	1822	Scotch	D. C.	1869	47	Rep	Mt. McGregor, N. Y.	1885	63
19	Rutherford B. Hayes	Delaware, O.	1822	Scotch	O	1877	54	Rep	Fremont, O.	1893	70
20	James A. Garfield	Cuyahoga Co., O.	1831	English	O	1881	49	Rep	Long Branch, N. J.	1881	49
21	Chester A. Arthur	Fairfield, Vt.	1830	Scotch-Irish.	N. Y.	1881	51	Rep	New York City	1886	56
22	Grover Cleveland	Caldwell, N. J.	1837	English	N. Y.	1885	48	Dem	.....	..	..
23	Benjamin Harrison	North Bend, O.	1833	English	Ind	1889	55	Rep	.....	..	..
24	Grover Cleveland	Caldwell, N. J.	1837	English	N. Y.	1893	56	Dem	.....	..	..
25	William McKinley	Niles, O.	1843	Scotch-Irish.	O.	1897	54	Rep	.....	..	..

* Jackson called himself a South Carolinian and his biographer, Kendall, recorded his birthplace in Lancaster County, S. C., but Parton has published documentary evidence to show that Jackson was born in Union County, N. C., less than a quarter mile from the South Carolina line. † The Democratic party of to-day claims lineal descent from the first Republican party and President Jefferson as its founder. ‡ Political parties were disorganized at the time of the election of John Quincy Adams. He claimed to be a Republican, but his doctrines were decidedly Federalistic. The opposition to his Administration took the name of Democrats and elected Jackson President.

More details of the lives of the Presidents were given in THE WORLD ALMANAC for 1897, pages 116 and 117.

The Presidential Succession.

THE Presidential succession is fixed by chapter 4 of the acts of the Forty-ninth Congress, first session. In case of the removal, death, resignation, or inability of both the President and Vice-President, then the Secretary of State shall act as President until the disability of the President or Vice-President is removed or a President is elected. If there be no Secretary of State, then the Secretary of the Treasury will act; and the remainder of the order of succession is as follows: The Secretary of War, Attorney-General, Postmaster-General, Secretary of the Navy, and Secretary of the Interior. The acting President must, upon taking office, convene Congress, if not at the time in session, in extraordinary session, giving twenty days' notice. This act applies only to such Cabinet officers as shall have been appointed by the advice and consent of the Senate, and are eligible under the Constitution to the Presidency.

Justices of the United States Supreme Court.

(Names of the Chief Justices in italics.)

	Service. Term.	Service. Years.	Born.	Died.		Service. Term.	Service. Years.	Born.	Died.
John Jay, N. Y.	1789-1795	6	1745	1829	Samuel Nelson, N. Y.	1845-1872	27	1792	1873
John Rutledge, S. C.	1789-1791	2	1739	1800	Levi Woodbury, N. H.	1845-1851	6	1789	1851
William Cushing, Mass.	1789-1810	21	1733	1810	Robert C. Grier, Pa.	1846-1870	23	1794	1870
James Wilson, Pa.	1789-1798	9	1742	1798	Benj. R. Curtis, Mass.	1851-1857	6	1809	1874
John Blair, Va.	1789-1796	7	1732	1800	John A. Campbell, Ala.	1853-1861	8	1811	1889
Robert H. Harrison, Md.	1789-1790	1	1745	1790	Nathan Clifford, Me.	1858-1881	23	1803	1881
James Iredell, N. C.	1790-1799	9	1751	1799	Noah H. Swayne, Ohio	1861-1881	20	1804	1884
Thomas Johnson, Md.	1791-1793	2	1732	1819	Samuel F. Miller, Iowa	1862-1890	28	1816	1890
William Paterson, N. J.	1793-1806	13	1745	1806	David Davis, Ill.	1862-1877	15	1815	1885
John Rutledge, S. C.	1795-1795	...	1739	1800	Stephen J. Field, Cal.	1863-1897	34	1816	1899
Samuel Chase, Md.	1796-1811	15	1741	1811	*Salmon P. Chase*, Ohio	1864-1873	9	1808	1873
Oliver Ellsworth, Ct.	1796-1800	4	1745	1807	William Strong, Pa.	1870-1880	10	1808	1895
Bushrod Washington, Va.	1798-1829	31	1762	1829	Joseph P. Bradley, N. J.	1870-1892	22	1813	1892
Alfred Moore, N. C.	1799-1804	5	1755	1810	Ward Hunt, N. Y.	1872-1882	10	1811	1886
John Marshall, Va.	1801-1835	34	1755	1835	*Morrison R. Waite*, Ohio	1874-1888	14	1816	1888
William Johnson, S. C.	1804-1834	30	1771	1834	John M. Harlan, Ky.	1877-	...	1833	.....
Brock. Livingston, N. Y.	1806-1823	17	1757	1823	William B. Woods, Ga.	1880-1887	7	1824	1887
Thomas Todd, Ky.	1807-1826	19	1765	1826	Stanley Matthews, Ohio	1881-1889	8	1824	1889
Joseph Story, Mass.	1811-1845	34	1779	1845	Horace Gray, Mass.	1881-	...	1828	.....
Gabriel Duval, Md.	1811-1836	25	1752	1844	Samuel Blatchford, N. Y.	1882-1893	11	1820	1893
Smith Thompson, N. Y.	1823-1843	20	1767	1843	Lucius Q. C. Lamar, Miss.	1888-1893	5	1825	1893
Robert Trimble, Ky.	1826-1828	2	1777	1828	*Melville W. Fuller*, Ill.	1888-	...	1833	.....
John McLean, Ohio	1829-1861	32	1785	1861	David J. Brewer, Kan.	1889-	...	1837	.....
Henry Baldwin, Pa.	1830-1844	14	1779	1844	Henry B. Brown, Mich.	1890-	...	1836	.....
James M. Wayne, Ga.	1835-1867	32	1790	1867	George Shiras, Jr., Pa.	1892-	...	1832	.....
Roger B. Taney, Md.	1836-1864	28	1777	1864	Howell E. Jackson, Tenn	1893-1895	2	1832	1895
Philip P. Barbour, Va.	1836-1841	5	1783	1841	Edward D. White, La.	1893-	...	1845	.....
John Catron, Tenn.	1837-1865	28	1786	1865	Rufus W. Peckham, N. Y.	1895-	...	1837	....
John McKinley, Ala.	1837-1852	15	1780	1852	Joseph McKenna, Cal.	1897-	...	1843	....
Peter V. Daniel, Va	1841-1860	19	1785	1860					

Should changes occur in these tables and those on the following four pages while THE ALMANAC is passing through the press, they will be found noted on page 13.

Vice-Presidents of the United States.

	Name.	Birthplace.	Year.	Paterna Ancestry.	Residence.	Qualified.	Politics.	Place of Death.	Year.	Age at Death.
1	John Adams	Quincy, Mass	1735	English	Mass	1789	Fed	Quincy, Mass	1826	90
2	Thomas Jefferson	Shadwell, Va	1743	Welsh	Va	1797	Rep	Monticello, Va	1826	83
3	Aaron Burr	Newark, N. J	1756	English	N Y	1801	Rep	Staten Island, N. Y	1836	80
4	George Clinton	Ulster Co., N. Y	1739	English	N. Y	1805	Rep	Washington, D. C	1812	73
5	Elbridge Gerry	Marblehead, Mass	1744	English	Mass	1813	Rep	Washington, D. C	1814	70
6	Daniel D. Tompkins	Scarsdale, N Y	1774	English	N Y	1817	Rep	Staten Island, N. Y	1825	51
7	John C. Calhoun	Abbeville, S C	1782	Scotch-Irish	S. C	1825	Rep	Washington, D. C	1850	68
8	Martin Van Buren	Kinderhook, N. Y	1782	Dutch	N. Y	1833	Dem	Kinderhook, N Y	1862	79
9	Richard M. Johnson	Louisville, Ky	1780	English	Ky	1837	Dem	Frankfort, Ky	1850	70
10	John Tyler	Greenway, Va	1790	English	Va	1841	Dem	Richmond, Va	1862	72
11	George M. Dallas	Philadelphia, Pa	1792	English	Pa	1845	Dem	Philadelphia, Pa	1864	72
12	Millard Fillmore	Summer Hill, N. Y	1800	English	N. Y	1849	Whig	Buffalo, N. Y	1874	74
13	William R. King	Sampson Co., N. C	1786	English	Ala	1853	Dem	Dallas Co. Ala	1853	67
14	John C. Breckinridge	Lexington, Ky	1821	Scotch	Ky	1857	Dem	Lexington, Ky	1875	54
15	Hannibal Hamlin	Paris, Me	1809	English	Me	1861	Rep	Bangor, Me	1891	81
16	Andrew Johnson	Raleigh, N. C	1808	English	Tenn	1865	Rep	Carter Co., Tenn	1875	66
17	Schuyler Colfax	New York City, N. Y	1823	English	Ind	1869	Rep	Mankato, Minn	1885	62
18	Henry Wilson	Farmington, N. H	1812	English	Mass	1873	Rep	Washington, D. C	1875	63
19	William A. Wheeler	Malone, N. Y	1819	English	N Y	1877	Rep	Malone, N. Y	1887	68
20	Chester A. Arthur	Fairfield, Vt	1830	Scotch-Irish	N. Y	1881	Rep	New York City, N.Y	1886	56
21	Thos. A. Hendricks	Muskingum Co., O	1819	Scotch-Irish	Ind	1885	Dem	Indianapolis, Ind	1885	66
22	Levi P. Morton	Shoreham, Vt	1824	Scotch	N Y	1889	Rep			
23	Adlai E. Stevenson	Christian Co., Ky	1835	Scotch-Irish	Ill	1893	Dem			
24	Garret A. Hobart	Long Branch, N. J	1844	English	N. J	1897	Rep	Paterson, N. J	1899	55

Presidents pro tempore of the United States Senate.

Congress.	Years.	Name.	State.	Born.	Died.	Congress.	Years.	Name.	State.	Born.	Died.
1, 2	1789-92	John Langdon	N. H	1739	1819	19, 20	1826-28	Nathaniel Macon	N. C	1757	1837
2	1792	Richard H. Lee	Va	1732	1794	20-22	1828-32	Samuel Smith	Md	1752	1839
2, 4	1792-94	John Langdon	N. H	1739	1819	22	1832	L. W. Tazewell	Va	1774	1860
3	1794-95	Ralph Izard	S. C	1742	1804	22, 23	1832-34	Hugh L. White	Tenn	1773	1840
3, 6	1795-96	Henry Tazewell	Va	1753	1799	23	1834-35	Geo. Poindexter	Miss	1779	1853
4	1796-97	Samuel Livermore	N. H	1732	1803	24	1835-36	John Tyler	Va	1790	1862
4, 6	1797	William Bingham	Pa	1751	1804	24-26	1836-41	William R. King	Ala	1786	1853
5	1791	William Bradford	R. I	1729	1808	26, 27	1841-42	Saml. L. Southard	N. J	1787	1842
5	1797-98	Jacob Read	S. C	1752	1816	27-29	1842-45	W P. Mangum	N. C	1792	1861
5	1798	Theo. Sedgwick	Mass	1746	1813	29, 30	1846-49	D. R. Atchison	Mo	1807	1886
5	1798-99	John Laurence	N. Y	1750	1810	31, 32	1850-52	William R. King	Ala	1786	1853
5	1799	James Ross	Pa	1762	1847	32, 33	1852-54	D. R. Atchison	Mo	1807	1886
6	1799-1800	Samuel Livermore	N. H	1732	1803	33, 34	1854-57	Jesse D. Bright	Ind	1812	1875
6	1800	Uriah Tracy	Ct	1755	1807	34	1857	James M. Mason	Va	1798	1871
6	1800-1801	John E. Howard	Md	1752	1827	35, 36	1857-61	Benj Fitzpatrick	Ala	1802	1869
6	1801	James Hillhouse	Ct	1754	1832	36-38	1861-64	Solomon Foot	Vt	1802	1866
7	1801-02	Abraham Baldwin	Ga	1754	1807	38	1864-65	Daniel Clark	N. H	1809	1891
7	1802-03	Stephen R. Bradley	Vt	1754	1830	39	1865-67	Lafayette S. Foster	Ct	1806	1880
8	1803-04	John Brown	Ky	1757	1837	40	1867-69	Benj. F. Wade	Ohio	1800	1878
8	1804-05	Jesse Franklin	N C	1758	1823	41, 42	1869-73	Henry B. Anthony	R. I	1815	1884
8	1805	Joseph Anderson	Tenn	1757	1837	43	1873-75	M. H. Carpenter	Wis	1824	1881
9, 10	1805-08	Samuel Smith	Md	1752	1839	44, 45	1875-79	Thomas W. Ferry	Mich	1827	1896
10	1808-09	Stephen R. Bradley	Vt	1754	1830	46	1879-81	A. G. Thurman	Ohio	1813	1895
10, 11	1809	John Milledge	Ga	1757	1818	47	1881	Thomas F. Bayard	Del	1828	1898
11	1809-10	Andrew Gregg	Pa	1755	1835	47	1881-83	David Davis	Ill	1815	1886
11	1810-11	John Gaillard	S. C	....	1826	48	1883-85	Geo. F. Edmunds	Vt	1828	....
11, 12	1811-12	John Pope	Ky	1770	1846	49	1885-87	John Sherman	Ohio	1823	....
12, 13	1812-13	Wm. H. Crawford	Ga	1772	1834	49-51	1887-91	John J Ingalls	Kan	1833	....
13	1813-14	Jos. B. Varnum	Mass	1750	1821	52	1891-93	C. F. Manderson	Neb	1837	....
13-15	1814-18	John Gaillard	S. C	....	1826	53	1893-95	Isham G. Harris	Tenn	1818	1897
15, 16	1818-19	James Barbour	Va	1775	1842	54-56	1895-	William P. Frye	Me	1831	....
16-19	1820-26	John Gaillard	S. C	....	1826						

Speakers of the U. S. House of Representatives.

Congress.	Years.	Name.	State.	Born.	Died.	Congress.	Years.	Name.	State.	Born.	Died.
1	1789-91	F. A. Muhlenburg	Pa	1750	1801	28	1843-45	John W. Jones	Va	1805	1848
2	1791-93	Jonathan Trumbull	Ct	1740	1809	29	1845-47	John W. Davis	Ind	1799	1850
3	1793-95	F. A. Muhlenburg	Pa	1750	1801	30	1847-49	Robert C. Winthrop	Mass	1809	1894
4, 5	1795-99	Jonathan Dayton	N. J	1760	1824	31	1849-51	Howell Cobb	Ga	1815	1868
6	1799-1801	Theo. Sedgwick	Mass	1746	1813	32, 33	1851-55	Linn Boyd	Ky	1800	1859
7-9	1801-07	Nathaniel Macon	N C	1757	1837	34	1855-57	Nathaniel P. Banks	Mass	1816	1894
10, 11	1807-11	Joseph B Varnum	Mass	1750	1821	35	1857-59	James L. Orr	S. C	1822	1873
12, 13	1811-14	Henry Clay	Ky	1777	1852	36	1859-61	Wm. Pennington	N. J	1796	1862
13	1814-15	Langdon Cheves	S. C	1776	1857	37	1861-63	Galusha A. Grow	Pa	1823	....
14-16	1815-20	Henry Clay	Ky	1777	1852	38-40	1863-69	Schuyler Colfax	Ind	1823	1885
16	1820-21	John W Taylor	N. Y	1784	1854	41-43	1869-75	James G. Blaine	Me	1830	1893
17	1821-23	Philip P. Barbour	Va	1783	1841	44	1875-76	Michael C. Kerr	Ind	1821	1876
18	1823-25	Henry Clay	Ky	1777	1852	44-46	1876-81	Samuel J. Randall	Pa	1828	1890
19	1825-27	John W Taylor	N. Y	1784	1854	47	1881-83	John W. Keifer	Ohio	1836	....
20-23	1827-34	Andrew Stevenson	Va	1784	1857	48-50	1883-89	John G. Carlisle	Ky	1835	....
23	1834-35	John Bell	Tenn	1797	1869	51	1889-91	Thomas B. Reed	Me	1839	....
24, 25	1835-39	James K. Polk	Tenn	1795	1849	52, 53	1891-95	Charles F. Crisp	Ga	1845	1896
26	1839-41	R. M. T. Hunter	Va	1809	1887	54, 55	1895-99	Thomas B. Reed	Me	1839	....
27	1841-43	John White	Ky	1805	1845	56	1899-	David B. Henderson	Ia	1840	....

Presidential Cabinet Officers.*

SECRETARIES OF STATE.

Presidents.	Cabinet Officers.	Residences.	Date of Appointment.
Washington	Thomas Jefferson	Va	1789
"	Edmund Randolph	"	1794
"	Timothy Pickering	Mass	1795
Adams	"	"	1797
"	John Marshall	Va	1800
Jefferson	James Madison	"	1801
Madison	Robert Smith	Md	1809
"	James Monroe	Va	1811
Monroe	John Quincy Adams	Mass	1817
J. Q. Adams	Henry Clay	Ky	1825
Jackson	Martin Van Buren	N. Y	1829
"	Edward Livingston	La	1831
"	Louis McLane	Del	1833
"	John Forsyth	Ga	1834
Van Buren	"	"	1837
Harrison	Daniel Webster	Mass	1841
Tyler	"	"	1841
"	Hugh S. Legaré	S. C	1843
"	Abel P. Upshur	Va	1843
"	John C. Calhoun	S. C	1844
Polk	James Buchanan	Pa	1845
Taylor	John M. Clayton	Del	1849
Fillmore	Daniel Webster	Mass	1850
"	Edward Everett	"	1852
Pierce	William L. Marcy	N. Y	1853
Buchanan	Lewis Cass	Mich	1857
"	Jeremiah S. Black	Pa	1860
Lincoln	William H. Seward	N. Y	1861
Johnson	"	"	1865
Grant	Elihu B. Washburn	Ill	1869
"	Hamilton Fish	N. Y	1869
Hayes	William M. Evarts	"	1877
Garfield	James G. Blaine	Me	1881
Arthur	F. T. Frelinghuysen	N. J	1881
Cleveland	Thomas F. Bayard	Del	1885
Harrison	James G. Blaine	Me	1889
"	John W. Foster	Ind	1892
Cleveland	Walter Q. Gresham	Ill	1893
"	Richard Olney	Mass	1895
McKinley	John Sherman	Ohio	1897
"	William R. Day	Ohio	1897
"	John Hay	Ohio	1898

SECRETARIES OF THE TREASURY.

Presidents.	Cabinet Officers.	Residences.	Date of Appointment.
Washington	Alexander Hamilton	N. Y	1789
"	Oliver Wolcott	Ct	1795
Adams	"	"	1797
"	Samuel Dexter	Mass	1801
Jefferson	"	"	1801
"	Albert Gallatin	Pa	1801
Madison	"	"	1809
"	George W. Campbell	Tenn	1814
"	Alexander J. Dallas	Pa	1814
"	William H. Crawford	Ga	1816
Monroe	"	"	1817
J. Q. Adams	Richard Rush	Pa	1825
Jackson	Samuel D. Ingham	"	1829
"	Louis McLane	Del	1831
"	William J. Duane	Pa	1833
"	Roger B. Taney	Md	1833
"	Levi Woodbury	N. H	1834
Van Buren	"	"	1837
Harrison	Thomas Ewing	Ohio	1841
Tyler	"	"	1841
"	Walter Forward	Pa	1841
"	John C. Spencer	N. Y	1843
"	George M. Bibb	Ky	1844
Polk	Robert J. Walker	Miss	1845
Taylor	William M. Meredith	Pa	1849
Fillmore	Thomas Corwin	Ohio	1850
Pierce	James Guthrie	Ky	1853
Buchanan	Howell Cobb	Ga	1857
"	Philip F. Thomas	Md	1860
"	John A. Dix	N. Y	1861
Lincoln	Salmon P. Chase	Ohio	1861
"	William P. Fessenden	Me	1864
"	Hugh McCulloch	Ind	1865
Johnson	"	"	1865
Grant	George S. Boutwell	Mass	1869
"	Wm. A. Richardson	"	1873
"	Benjamin H. Bristow	Ky	1874
"	Lot M. Morrill	Me	1876
Hayes	John Sherman	Ohio	1877
Garfield	William Windom	Minn	1881
Arthur	Charles J. Folger	N. Y	1881
"	Walter Q. Gresham	Ind	1884
"	Hugh McCulloch	"	1884
Cleveland	Daniel Manning	N. Y	1885
"	Charles S. Fairchild	"	1887
Harrison	William Windom	Minn	1889
"	Charles Foster	Ohio	1891
Cleveland	John G. Carlisle	Ky	1893
McKinley	Lyman J. Gage	Ill	1897

SECRETARIES OF WAR.

Presidents.	Cabinet Officers.	Residences.	Date of Appointment.
Washington	Henry Knox	Mass	1789
"	Timothy Pickering	"	1795
"	James McHenry	Md	1796
Adams	"	"	1797
"	John Marshall	Va	1800
"	Samuel Dexter	Mass	1800
"	Roger Griswold	Ct	1801
Jefferson	Henry Dearborn	Mass	1801
Madison	William Eustis	"	1809
"	John Armstrong	N. Y	1813
"	James Monroe	Va	1814
"	William H. Crawford	Ga	1815
Monroe	Isaac Shelby	Ky	1817
"	Geo. Graham (*ad. in.*)	Va	1817
"	John C. Calhoun	S. C	1817
J. Q. Adams	James Barbour	Va	1825
"	Peter B. Porter	N. Y	1828
Jackson	John H. Eaton	Tenn	1829
"	Lewis Cass	Ohio	1831
"	Benjamin F. Butler	N. Y	1837
Van Buren	Joel R. Poinsett	S. C	1837
Harrison	John Bell	Tenn	1841
Tyler	"	"	1841
"	John McLean	Ohio	1841
"	John C. Spencer	N. Y	1841
"	James M. Porter	Pa	1843
"	William Wilkins	"	1844
Polk	William L. Marcy	N. Y	1845
Taylor	George W. Crawford	Ga	1849
"	Edward Bates	Mo	1850
Fillmore	Charles M. Conrad	La	1850
Pierce	Jefferson Davis	Miss	1853
Buchanan	John B. Floyd	Va	1857
"	Joseph Holt	Ky	1861
Lincoln	Simon Cameron	Pa	1861
"	Edwin M. Stanton	Ohio	1862
Johnson	"	"	1865
"	U. S. Grant (*ad. in.*)	Ill	1867
"	Lor. Thomas (*ad. in.*)	"	1868
"	John M. Schofield	N. Y	1868
Grant	John A. Rawlins	Ill	1869
"	William T. Sherman	Ohio	1869
"	William W. Belknap	Ia	1869
"	Alphonso Taft	Ohio	1876
"	James Don Cameron	Pa	1876
Hayes	George W. McCrary	Ia	1877
"	Alexander Ramsey	Minn	1879
Garfield	Robert T. Lincoln	Ill	1881
Arthur	"	"	1881
Cleveland	William C. Endicott	Mass	1885
Harrison	Redfield Proctor	Vt	1889
"	Stephen B. Elkins	W. Va	1891
Cleveland	Daniel S. Lamont	N. Y	1893
McKinley	Russell A. Alger	Mich	1897
"	Elihu Root	N. Y	1899

*Should changes occur while THE ALMANAC is passing through the press they will be found noted on page 18.

SECRETARIES OF THE INTERIOR.

Presidents.	Cabinet Officers.	Residences.	Date of Appointment.	Presidents.	Cabinet Officers.	Residences.	Date of Appointment.
Taylor	Thomas Ewing	Ohio	1849	Grant	Columbus Delano	Ohio	1870
Fillmore	James A. Pearce	Md	1850	"	Zachariah Chandler	Mich	1875
"	Thos. M. T. McKernon	Pa	1850	Hayes	Carl Schurz	Mo	1877
"	Alexander H. H. Stuart	Va	1850	Garfield	Samuel J. Kirkwood	Iowa	1881
Pierce	Robert McClelland	Mich	1853	Arthur	Henry M. Teller	Colo	1882
Buchanan	Jacob Thompson	Miss	1857	Cleveland	Lucius Q. C. Lamar	Miss	1885
Lincoln	Caleb B. Smith	Ind	1861	"	William F. Vilas	Wis	1888
"	John P. Usher	"	1863	Harrison	John W. Noble	Mo	1889
Johnson	"	"	1865	Cleveland	Hoke Smith	Ga	1893
"	James Harlan	Iowa	1865	"	David R. Francis	Mo	1896
"	Orville H. Browning	Ill	1866	McKinley	Cornelius N. Bliss	N. Y	1897
Grant	Jacob D. Cox	Ohio	1869	"	Ethan A. Hitchcock	Mo	1899

SECRETARIES OF THE NAVY.

Adams	George Cabot*	Mass	1798	Tyler	Thomas W. Gilmer	Va	1844
"	Benjamin Stoddert	Md	1798	"	John Y. Mason	"	1844
Jefferson	"	"	1801	Polk	George Bancroft	Mass	1845
"	Robert Smith	"	1801	"	John Y. Mason	Va	1846
"	Jacob Crowninshield	Mass	1805	Taylor	William B. Preston	"	1849
Madison	Paul Hamilton	S. C	1809	Fillmore	William A. Graham	N. C	1850
"	William Jones	Pa	1813	"	John P. Kennedy	Md	1852
"	B. W. Crowninshield	Mass	1814	Pierce	James C. Dobbin	N. C	1853
Monroe	"	"	1817	Buchanan	Isaac Toucey	Ct	1857
"	Smith Thompson	N. Y	1818	Lincoln	Gideon Welles	"	1861
"	Samuel L. Southard	N. J	1823	Johnson	"	"	1865
J. Q. Adams	"	"	1825	Grant	Adolph E. Borie	Pa	1869
Jackson	John Branch	N. C	1829	"	George M. Robeson	N. J	1869
"	Levi Woodbury	N. H	1831	Hayes	Richard W. Thompson	Ind	1877
"	Mahlon Dickerson	N. J	1834	"	Nathan Goff, Jr	W. Va	1881
Van Buren	"	"	1837	Garfield	William H. Hunt	La	1881
"	James K. Paulding	N. Y	1838	Arthur	William E. Chandler	N. H	1882
Harrison	George E. Badger	N. C	1841	Cleveland	William C. Whitney	N. Y	1885
Tyler	"	"	1841	Harrison	Benjamin F. Tracy	"	1889
"	Abel P. Upshur	Va	1841	Cleveland	Hilary A. Herbert	Ala	1893
"	David Henshaw	Mass	1843	McKinley	John D. Long	Mass	1897

*Appointed by the President and confirmed by the Senate, but did not act.

SECRETARIES OF AGRICULTURE.

Cleveland	Norman J. Colman	Mo	1889	Cleveland	J. Sterling Morton	Neb	1893
Harrison	Jeremiah M. Rusk	Wis	1889	McKinley	James Wilson	Iowa	1897

POSTMASTERS-GENERAL.*

Washington	Samuel Osgood	Mass	1789	Buchanan	Joseph Holt	Ky	1859
"	Timothy Pickering	"	1791	"	Horatio King	Me	1861
"	Joseph Habersham	Ga	1795	Lincoln	Montgomery Blair	Md	1861
Adams	"	"	1797	"	William Dennison	Ohio	1864
Jefferson	"	"	1801	Johnson	"	"	1865
"	Gideon Granger	Ct	1801	"	Alexander W. Randall	Wis	1866
Madison	"	"	1809	Grant	John A. J. Cresswell	Md	1869
"	Return J. Meigs, Jr	Ohio	1814	"	James W. Marshall	Va	1874
Monroe	"	"	1817	"	Marshall Jewell	Ct	1874
"	John McLean	"	1823	"	James N. Tyner	Ind	1876
J. Q. Adams	"	"	1825	Hayes	David McK. Key	Tenn	1877
Jackson	William T. Barry	Ky	1829	"	Horace Maynard	"	1880
"	Amos Kendall	"	1835	Garfield	Thomas L. James	N. Y	1881
Van Buren	"	"	1837	Arthur	Timothy O. Howe	Wis	1881
"	John M. Niles	Ct	1840	"	Walter Q. Gresham	Ind	1883
Harrison	Francis Granger	N. Y	1841	"	Frank Hatton	Iowa	1884
Tyler	"	"	1841	Cleveland	William F. Vilas	Wis	1885
"	Charles A. Wickliffe	Ky	1841	"	Don M. Dickinson	Mich	1888
Polk	Cave Johnson	Tenn	1845	Harrison	John Wanamaker	Pa	1889
Taylor	Jacob Collamer	Vt	1849	Cleveland	Wilson S. Bissell	N. Y	1893
Fillmore	Nathan K. Hall	N. Y	1850	"	William L. Wilson	W. Va	1895
"	Samuel D. Hubbard	Ct	1852	McKinley	James A. Gary	Md	1897
Pierce	James Campbell	Pa	1853	"	Charles Emory Smith	Pa	1898
Buchanan	Aaron V. Brown	Tenn	1857				

* The Postmaster-General was not considered a Cabinet officer until 1829.

ATTORNEYS-GENERAL.

Washington	Edmund Randolph	Va	1789	Madison	Richard Rush	Pa	1814
"	William Bradford	Pa	1794	Monroe	"	"	1817
"	Charles Lee	Va	1795	"	William Wirt	Va	1817
Adams	"	"	1797	J. Q. Adams	"	"	1825
"	Theophilus Parsons	Mass	1801	Jackson	John McP. Berrien	Ga	1829
Jefferson	Levi Lincoln	"	1801	"	Roger B. Taney	Md	1831
"	Robert Smith	Md	1805	"	Benjamin F. Butler	N. Y	1833
"	John Breckinridge	Ky	1805	Van Buren	"	"	1837
"	Cæsar A. Rodney	Del	1807	"	Felix Grundy	Tenn	1838
Madison	"	"	1809	"	Henry D. Gilpin	Pa	1840
"	William Pinkney	Md	1811	Harrison	John J. Crittenden	Ky	1841

ATTORNEYS-GENERAL—*Continued.*

Presidents.	Cabinet Officers.	Residences.	Date of Appointment.	Presidents.	Cabinet Officers.	Residences.	Date of Appointment.
Tyler	John J. Crittenden	Ky	1841	Johnson	William M. Evarts	N. Y.	1868
"	Hugh S. Legare	S. C.	1841	Grant	Ebenezer R. Hoar	Mass	1869
"	John Nelson	Md.	1843	"	Amos T. Ackerman	Ga	1870
Polk	John Y. Mason	Va	1845	"	George H. Williams	Ore	1871
"	Nathan Clifford	Me.	1846	"	Edwards Pierrepont	N. Y.	1875
"	Isaac Toucey	Ct.	1848	"	Alphonso Taft	Ohio	1876
Taylor	Reverdy Johnson	Md.	1849	Hayes	Charles Devens	Mass	1877
Fillmore	John J. Crittenden	Ky	1850	Garfield	Wayne MacVeagh	Pa	1881
Pierce	Caleb Cushing	Mass	1853	Arthur	Benjamin H. Brewster	"	1881
Buchanan	Jeremiah S. Black	Pa	1857	Cleveland	Augustus H. Garland	Ark	1885
"	Edwin M. Stanton	Ohio	1860	Harrison	William H. H. Miller	Ind.	1889
Lincoln	Edward Bates	Mo.	1861	Cleveland	Richard Olney	Mass	1893
"	Titian J. Coffey (*ad. in.*)	"	1863	"	Judson Harmon	Ohio	1895
"	James Speed	Ky	1864	McKinley	Joseph McKenna	Cal.	1897
Johnson	James Speed	Ky	1865	"	John W. Griggs	N. J.	1897
"	Henry Stanbery	Ohio	1866				

NOTE.—Since the foundation of the Government, the individual States have been represented the following number of times in Cabinet positions: Massachusetts, 30; New York, 30; Pennsylvania, 26; Virginia, 22; Ohio, 22; Maryland, 16; Kentucky, 15; Connecticut, 9; Indiana, 9; Georgia, 8; Tennessee, 8; Illinois, 7; Missouri, 7; Maine, 6; South Carolina, 6; Delaware, 5; Wisconsin, 5; Michigan, 5; New Jersey, 5; Mississippi, 4; North Carolina, 4; Iowa, 4; Louisiana, 3; Minnesota, 3; New Hampshire, 3; West Virginia, 3; Vermont, 2; Alabama, 1; Arkansas, 1; Colorado, 1; Nebraska, 1; California, 1; Oregon, 1. The States which have not been represented in the Cabinet are: Florida, Idaho, Kansas, Montana, Nevada, North Dakota, Rhode Island, South Dakota, Texas, Washington, Wyoming.

Diplomatic Intercourse.

UNITED STATES MINISTERS ACCREDITED TO PRINCIPAL EUROPEAN COUNTRIES, AND MINISTERS FROM THOSE COUNTRIES TO THE UNITED STATES.

ALL representatives not otherwise designated bore the title of minister plenipotentiary or envoy extraordinary or both.

GREAT BRITAIN.

UNITED STATES MINISTERS TO GREAT BRITAIN.

Presidents.	Ministers.	States.	Date.*	Presidents.	Ministers.	States.	Date.*
Washington	Thomas Pinckney	S. C.	1792	Taylor	Abbott Lawrence	Mass	1849
"	Rufus King	N. Y.	1796	Fillmore	Joseph R. Ingersoll	Pa	1852
John Adams	" "	"	1796	Pierce	James Buchanan	"	1853
Jefferson	James Monroe	Va	1803	"	George M. Dallas	"	1856
	William Pinkney	Md	1806	Buchanan	" " "	"	1856
Madison	Jonathan Russell, ch. d'aff.	R. I.	1811	Lincoln	Charles Francis Adams	Mass	1861
"	John Quincy Adams	Mass	1815	Johnson	" " "	"	1861
Monroe	J. Adams Smith, ch. d'aff.	"	1817	"	Reverdy Johnson	Md	1868
"	Richard Rush	Pa	1817	Grant	John Lothrop Motley	Mass	1869
J. Q. Adams	Rufus King	N. Y.	1825	"	Robert C. Schenck	Ohio	1870
"	Albert Gallatin	Pa	1826	"	Edwards Pierrepont	N. Y.	1876
"	W. B. Lawrence, ch. d'aff.	N. Y.	1827	Hayes	John Welsh	Pa	1877
"	James Barbour	Va	1828	"	Wm. J. Hoppin, ch. d'aff.	N. Y.	1879
Jackson	Louis McLane	Del	1829	"	James Russell Lowell	Mass	1880
"	Washington Irving, ch. d'aff.	N. Y.	1831	Garfield	" " "	"	1880
"	Martin Van Buren	"	1831	Arthur	" " "	"	1880
"	Aaron Vail, ch. d'aff.	"	1832	Cleveland	Edward J. Phelps	Vt	1885
"	Andrew Stevenson	Va	1836	Harrison	Robert T. Lincoln	Ill	1889
Tyler	Edward Everett	Mass	1841	Cleveland	Thomas F. Bayard, amb.	Del	1893
Polk	Louis McLane	Md	1845	McKinley	John Hay, ambassador	Ohio	1897
"	George Bancroft	N. Y.	1846	"	Henry White, ch. d'aff.	R. I.	1898
Taylor	J. C. B. Davis, ch. d'aff.	Mass	1849	"	Joseph H. Choate, amb.	N. Y.	1899

BRITISH MINISTERS TO THE UNITED STATES.

Sovereigns.	Ministers.	Date.*	Sovereigns.	Ministers.	Date.*
George III	George Hammond	1791	Victoria	Henry Stephen Fox	1836
"	Phineas Bond, ch. d'aff.	1795	"	Richard Pakenham	1844
"	Robert Liston	1796	"	John F. T. Crampton, ch. d'aff.	1847
"	Edward Thornton, ch. d'aff.	1800	"	Sir Henry Lytton Bulwer	1849
"	Anthony Merry	1803	"	John F. T. Crampton, ch. d'aff.	1851
"	David M. Erskine	1806	"	" " " envoy and min.	1852
"	Francis James Jackson	1809	"	Philip Griffith, ch. d'aff.	1853
"	John Philip Morier, ch. d'aff.	1810	"	John Savile Lumley, ch. d'aff.	1855
"	Augustus John Foster	1811	"	Lord Napier	1857
"	Anthony St. John Baker, ch. d'aff.	1815	"	Lord Lyons	1859
"	Charles Bagot	1816	"	Joseph Hume Burnley, ch. d'aff.	1864
George IV	Gibbs Crawford Antrobus, ch. d'aff.	1819	"	Sir Frederick W. A. Bruce	1865
"	Sir Stratford Canning	1820	"	Francis Clark Ford, ch. d'aff.	1867
"	Henry Unwin Addington, ch. d'aff.	1823	"	Sir Edward Thornton	1868
"	Charles Richard Vaughan	1825	"	Lionel S. Sackville West	1881
William IV	" " "	1825	"	Sir Julian Pauncefote†	1889
"	Charles Bankhead, ch. d'aff.	1835	"	" " " ambassador	1893

* Date of commission. †Now Lord Pauncefote.

FRANCE.

UNITED STATES MINISTERS TO FRANCE.

Presidents.	Ministers.	States.	Date.	Presidents.	Ministers.	States.	Date.
Confederation	Thomas Jefferson	Va.	....	Tyler	Lewis Cass	Ohio	1836
Washington	William Short, ch. d'aff.	"	1790	"	Henry Ledyard, ch. d'aff.	Mich.	1842
"	Gouverneur Morris	N. Y.	1792	"	William R. King	Ala.	1844
"	James Monroe	Va.	1794	Polk	J. L. Martin, ch. d'aff.	N. C.	1846
"	Charles C. Pinckney	S. C.	1796	"	Richard Rush	Pa.	1847
John Adams	Charles C. Pinckney	"	1797	Taylor	William C. Rives	Va.	1849
	John Marshall	Va.	1797	Fillmore	" "	"	1849
"	Elbridge Gerry	Mass.	1797	Pierce	Henry S. Sanford, ch. d'aff.	Ct.	1853
	Oliver Ellsworth	Ct.	1799	"	John Y. Mason	Va.	1853
	William Vans Murray	Md.	1799	Buchanan	W. R. Calhoun, ch. d'aff.	S. C.	1859
	William R. Davie	N. C.	1799	"	Charles J. Faulkner	Va.	1860
Jefferson	Robert R. Livingston	N. Y.	1801	Lincoln	William L. Dayton	N. J.	1861
"	John Armstrong	"	1804	"	John Bigelow	N. Y.	1864
Madison	Jonathan Russell, ch. d'aff.	R. I.	1810	Johnson	John Hay, ch. d'aff.	Ill.	1866
"	Joel Barlow	Ct.	1811	"	John A. Dix	N. Y.	1866
"	William H. Crawford	Ga.	1813	Grant	Elihu B. Washburne	Ill.	1869
"	Henry Jackson, ch. d'aff.	Ky.	1815	Hayes	Edward F. Noyes	Ohio	1877
"	Albert Gallatin	Pa.	1816	Garfield	Levi P. Morton	N. Y.	1881
Monroe	James Brown	La.	1823	Arthur	" "	"	1881
Jackson	William C. Rives	Va.	1829	Cleveland	Robert M. McLane	Md.	1885
"	Nathaniel Niles, ch. d'aff.	Vt.	1832	Harrison	Whitelaw Reid	N. Y.	1889
"	Edward Livingston	La.	1833	"	T. Jefferson Coolidge	Mass.	1892
"	Thomas P. Barton, ch. d'aff.	Pa.	1835	Cleveland	James B. Eustis, amb.	La.	1893
"	Lewis Cass	Ohio	1836	McKinley	Horace Porter, amb.	N. Y.	1897
Van Buren	" "	"	1836				

FRENCH MINISTERS TO THE UNITED STATES.

Government.	Ministers.	Date.	Government.	Ministers.	Date.
Louis XVI.	Count de Moustier	1788	Napoleon III.	Count de Sartiges	1851
"	M. Otto, ch. d'aff.	1789	"	Viscount Jules Treilhard, ch. d'aff.	1859
"	Colonel Ternant	1791	"	Henri Mercier	1860
Convention	Edmond C. Genet	1793	"	Viscount Jules Treilhard, ch. d'aff.	1863
Directory	Joseph Fauchet	1794	"	Louis de Geofroy, ch. d'aff.	1864
"	Pierre Auguste Adet	1795	"	Marquis de Montholon	1865
Consulate	" " "	1795	"	Jules Berthemy	1866
"	L. A. Pichon, ch. d'aff.	1801	"	Count de Faverney, ch. d'aff.	1869
Napoleon I.	General Turreau	1805	"	Prevost Paradol	1870
"	M. Serurier	1811	"	Jules Berthemy	1870
Louis XVIII.	"	1811	Nat. Defence	Viscount Jules Treilhard	1870
"	G. Hyde de Neuville	1816	Pres. Thiers	Henry de Beilonnet, ch. d'aff.	1871
"	Count de Menou, ch. d'aff.	1822	"	Marquis de Noailles	1872
Charles X.	Baron de Mareuil	1824	Pr. MacMahon	A. Bartholdi	1874
"	Count de Menou, ch. d'aff.	1827	"	F. de Vaugelas, ch. d'aff.	1876
"	Roux de Rochelle	1830	"	Mamime Outrey	1877
L. Philippe	M. Serurier	1831	"	Theodore J. D. Roustan	1882
"	Alphonse Pageot, ch. d'aff.	1835	Pres. Grevy	J. Patenotre	1891
"	Edouard Pontois	1837	Pres. Carnot	"	1891
"	Alphonse Pageot, ch. d'aff.	1839	"	" ambassador	1893
"	L. Adolph Aime Fourier de Bacourt	1840	Pres. Faure	" "	1893
"	Alphonse Joseph Yver Pageot	1842	"	Jules Cambon, ambassador	1898
L. Napoleon	Guillaume Tell Lavallee Poussin	1848	Pres. Loubet	" "	1898
"	E. A. Olivier Sain de Boislecomte	1850			

AUSTRIA AND AUSTRIA-HUNGARY.

UNITED STATES MINISTERS TO AUSTRIA.

Presidents.	Ministers.	States.	Date.	Presidents.	Ministers.	States.	Date.
Van Buren	Henry A. Muhlenberg	Pa.	1838	Grant	John Jay	N. Y.	1869
"	J. R. Clay, ch. d'aff.	"	1840	"	Godlove S. Orth	Ind.	1875
Tyler	Daniel Jenifer	Md.	1841	"	Edward F. Beale	D. C.	1876
Polk	Wm. H. Stiles, ch. d'aff.	Ga.	1845	Hayes	John A. Kasson	Iowa	1877
Taylor	J. Watson Webb, ch. d'aff.	N. Y.	1849	Garfield	William Walter Phelps	N. J.	1881
Fillmore	C. J. McCurdy, ch. d'aff.	Ct.	1850	Arthur	Alphonso Taft	Ohio	1882
"	T. M. Foote, ch. d'aff.	N. Y.	1852	"	John M. Francis	N. Y.	1884
Pierce	H. R. Jackson, min. res.	Ga.	1853	Cleveland	A. M. Kiely	Va.	1885
Buchanan	J. Glancy Jones	Pa.	1858	"	James Fenner Lee, ch. d'aff.	Md.	1885
Lincoln	Anson Burlingame	Mass.	1861	"	Alexander R. Lawton	Ga.	1887
"	John Lothrop Motley	"	1861	Harrison	Frederick D. Grant	N. Y.	1889
Johnson	George W. Lippitt, ch. d'aff.	R. I.	1867	Cleveland	Bartlett Tripp	S. Dak.	1893
"	John Hay, ch. d'aff.	Ill.	1867	McKinley	Charlemagne Tower	Pa.	1897
"	Henry M. Watts	Pa.	1868	"	Addison C. Harris	Ind.	1899

AUSTRIAN MINISTERS TO THE UNITED STATES.

Emperors.	Ministers.	Date.	Emperors.	Ministers.	Date.
Ferdinand I.	Baron de Mareschal	1838	Franz Joseph.	Count Ladislaus Hoyos	1875
"	Chevalier Hulsemann, ch. d'aff.	1841	"	Chevalier E. S. von Tavera, ch. d'aff.	1877
Franz Joseph.	" " "	1841	"	Baron Ernest von Mayr	1879
"	" " min. res.	1855	"	Count Lippe-Weissenfeld, ch. d'aff.	1881
"	Count Nicholas Giorgi, min. res.	1863	"	Baron Ignatz von Schaeffer	1882
"	Count Wydenbruck	1865	"	Count Lippe-Weissenfeld, ch. d'aff.	1885
"	Baron de Frankenstein, ch. d'aff.	1867	"	Chevalier E. S. von Tavera	1887
"	Baron Charles de Lederer	1868	"	L. Hengelmuller von Hengervar	1895
"	Baron von Schwarz Senborn	1874			

RUSSIA.

UNITED STATES MINISTERS TO RUSSIA.

Presidents.	Ministers.	States.	Date.	Presidents.	Ministers.	States.	Date.
Madison	John Quincy Adams	Mass.	1809	Lincoln	Bayard Taylor	N. Y.	1862
"	Levett Harris, ch. d'aff.	Pa.	1814	"	Cassius M. Clay	Ky.	1863
"	William Pinkney	Md.	1816	Grant	Andrew G. Curtin	Pa.	1869
Monroe	George W. Campbell	Tenn.	1818	"	James L. Orr	S. C.	1872
"	Henry Middleton	S. C.	1820	"	Marshall Jewell	Ct.	1873
J. Q. Adams	" "	"	1820	"	Eugene Schuyler, ch. d'aff.	N. Y.	1874
Jackson	John Randolph	Va.	1830	"	George H. Boker	Pa.	1875
"	James Buchanan	Pa.	1832	Hayes	E. W. Stoughton	N. Y.	1878
"	John R. Clay, ch. d'aff.	"	1833	"	Wickham Hoffman, ch. d'aff.	"	1879
"	William Wilkins	"	1834	"	John W. Foster	Ind.	1880
"	John R. Clay, ch. d'aff.	"	1835	Garfield	" "	"	1880
Van Buren	George M. Dallas	"	1837	Arthur	Wickham Hoffman, ch. d'aff.	N. Y.	1881
"	W. W. Chew, ch. d'aff.	"	1839	"	William H. Hunt	La.	1882
"	Churchill C. Cambreleng	N. Y.	1840	"	Alphonso Taft	Ohio	1884
Tyler	Charles S. Todd	Ky.	1841	Cleveland	George V. M. Lothrop	Mich.	1885
Polk	Ralph J. Ingersoll	Ct.	1846	"	Lambert Tree	Ill.	1888
"	Arthur P. Bagby	Ala.	1848	Harrison	George W. Wurts, ch. d'aff.	Pa.	1889
Fillmore	Neil S. Brown	Tenn.	1850	"	Charles Emory Smith	"	1890
Pierce	Thomas H. Seymour	Ct.	1853	"	Andrew D. White	N. Y.	1892
Buchanan	Francis W. Pickens	S. C.	1858	Cleveland	Clifton R. Breckinridge	Ark.	1894
"	John Appleton	Me.	1860	McKinley	Ethan A. Hitchcock	Mo.	1897
Lincoln	Cassius M. Clay	Ky.	1861	"	" amb.	"	1898
"	Simon Cameron	Pa.	1862	"	Charlemagne Tower, amb.	Pa.	1899

RUSSIAN MINISTERS TO THE UNITED STATES.

Emperors.	Ministers.	Date.	Emperors.	Ministers.	Date.
Alexander I.	Andre de Daschkoff, ch. d'aff.	1809	Alex. II	Constantine Cataczy	1869
"	Count Theodore de Pahlen	1810	"	Alexander Gorloff, ch. d'aff.	1871
"	Andre de Daschkoff	1811	"	Baron Henri d'Offenberg	1872
"	Chevalier Pierra de Poletica	1819	"	Nicholas de Voigt, ch. d'aff.	1874
"	George Ellisen, ch. d'aff.	1822	"	Nicholas Shishkin	1875
"	Baron de Tuyll	1823	"	Michel Bartholomei	1880
Nicholas I.	Baron de Maltitz, ch. d'aff.	1826	Alex. III.	Charles de Struve	1882
"	Baron de Krudener	1827	"	Baron Gustave Schilling, ch. d'aff.	1892
"	George Krehmer, ch. d'aff.	1838	"	Prince Cantacuzene	1893
"	Alexander de Bodisco	1838	Nicholas II.	" "	1893
Alex. II.	Edward de Stoeckl	1854	"	E. de Kotzebue	1896
"	Waldemar Bodisco, ch. d'aff.	1868	"	Comte Cassini, ambassador	1898

GERMANY.

UNITED STATES MINISTERS TO THE GERMAN EMPIRE.

Presidents.	Ministers.	States.	Date.	Presidents.	Ministers.	States.	Date.
Grant	George Bancroft	N. Y.	1871	Arthur	A. A. Sargent	Cal.	1882
"	Nicholas Fish, ch. d'aff.	"	1874	"	John A. Kasson	Iowa	1884
"	J. C. Bancroft Davis	"	1874	Cleveland	George H. Pendleton	Ohio	1885
Hayes	H. Sidney Everett, ch. d'aff.	Mass.	1877	Harrison	William Walter Phelps	N. J.	1889
"	Bayard Taylor	Pa.	1878	Cleveland	Theodore Runyon, amb.	"	1893
"	H. Sidney Everett, ch. d'aff.	Mass.	1878	"	Edwin F. Uhl, ambassador	Mich.	1896
"	Andrew D. White	N. Y.	1879	McKinley	Andrew D. White, amb.	N. Y.	1897
Garfield	H. Sidney Everett, ch. d'aff.	Mass.	1881				

GERMAN MINISTERS TO THE UNITED STATES.

Emperors.	Ministers.	Date.	Emperors.	Ministers.	Date.
William I.	Baron Alvensleben, ch. d'aff.	1871	William II.	A. von Mumm, ch. d'aff.	1891
"	Kurd von Schlozer	1871	"	Theodore von Holleben	1892
"	Count von Beust, ch. d'aff.	1882	"	Baron von Saurma-Jeltsch, amb.	1893
"	Karl von Eisendecher	1883	"	Baron Max von Thielmann, amb.	1895
"	H. von Alvensleben	1884	"	Herr von Holleben, ambassador	1898
William II.	Count Arco Valley	1888			

ITALY.

UNITED STATES MINISTERS TO ITALY.

Presidents.	Ministers.	States.	Date.	Presidents.	Ministers.	States.	Date.
Lincoln	George P. Marsh	Vt.	1861	Cleveland	John B. Stallo	Ohio	1885
Johnson	" "	"	1861	Harrison	Albert G. Porter	Ind.	1889
Grant	" "	"	1861	"	William Potter	Pa.	1892
Hayes	" "	"	1861	Cleveland	J. J. Van Alen, ambassador*	R. I.	1893
Garfield	" "	"	1861	"	Wayne MacVeagh, amb.	Pa.	1893
Arthur	" "	"	1861	McKinley	William F. Draper, amb.	Mass.	1897
"	William Waldorf Astor	N. Y.	1882				

* Mr. Van Alen was confirmed by the Senate but declined, and Mr. MacVeagh was appointed.

DIPLOMATIC INTERCOURSE—*Continued.*

ITALY—*Continued.*

ITALIAN MINISTERS TO THE UNITED STATES.

Kings.	Ministers.	Date.	Kings.	Ministers.	Date.
V. Emanuel ..	Chevalier Joseph Bertinatti.....	1861	V. Emanuel ..	Baron Alberto Blanc.....	1875
" ..	Romeo Cantagalli, ch. d'aff.....	1866	Humbert	Prince Camporeale, ch. d'aff.....	1880
" ..	Chevalier Marcello Cerruti.....	1867	"	Baron de Fava.....	1881
" ..	Count Luigi Colobiano, ch. d'aff.....	1869	"	Marquis Imperiali, ch. d'aff.....	1891
" ..	Count Luigi Corti	1870	"	Baron de Fava.....	1892
" ..	Count Litta, ch. d'aff.....	1874	"	" " " ambassador.....	1898

SPAIN.

UNITED STATES MINISTERS TO SPAIN.

Presidents.	Ministers.	States.	Date.	Presidents.	Ministers.	States.	Date.
Washington..	W. Carmichael, ch. d'aff.....	Md.....	1790	Lincoln.....	Carl Schurz.....	Wis....	1861
" ..	William Short, min. res.....	Va.....	1794	"	Gustavus Koerner.....	Ill.....	1862
" ..	Thomas Pinckney.....	S. C....	1794	"	H. J. Perry, ch. d'aff.....	N. H...	1864
" ..	David Humphreys.....	Ct.....	1796	"	John P. Hale.....	" ...	1865
Jefferson.....	Charles Pinckney.....	S. C....	1801	Grant.....	Daniel E. Sickles.....	N. Y...	1869
"	G. W. Erving, ch. d'aff.....	Mass...	1805	"	Alvey A. Adee, ch. d'aff.....	" ...	1873
	Official relations with Spain were broken off from 1808 to 1814.			"	Caleb Cushing.....	Mass...	1874
				Hayes.....	James Russell Lowell.....	" ...	1877
				"	Lucius Fairchild.....	Wis....	1880
Madison.....	G. W. Erving.....	Mass...	1814	Garfield.....	" "	"	1880
Monroe.....	John Forsyth.....	Ga.....	1819	Arthur	Hannibal Hamlin.....	Me....	1881
"	Hugh Nelson.....	Va.....	1823	"	John W. Foster.....	Ind	1883
J. Q. Adams..	Alexander H. Everett.....	Mass...	1825	Cleveland....	Jabez L. M. Curry.....	Va.....	1885
Jackson.....	Cornelius P. Van Ness.....	Vt.....	1829	"	Perry Belmont.....	N. Y...	1889
"	A. Middleton, Jr., ch. d'aff...	S. C....	1836	Harrison.....	Thomas W. Palmer	Mich...	1889
Van Buren ...	John H. Eaton.....	Tenn...	1837	"	E. Burd Grubb.....	N. J....	1890
" ..	Aaron Vail, ch. d'aff.....	N. Y...	1840	"	A. Loudon Snowden.....	Pa.....	1892
Tyler.....	Washington Irving.....	" ...	1842	Cleveland	Hannis Taylor.....	Ala	1893
Polk.....	Romulus M. Saunders.....	N. C...	1846	McKinley....	Stewart L. Woodford	N. Y...	1897
Taylor	Daniel M. Barringer.....	" ...	1849		Official relations with Spain were broken off, April, 1898, to April, 1899.		
Pierce	Pierre Soule.....	La.....	1853				
"	Augustus C. Dodge.....	Ia.....	1855				
Buchanan	William Preston.....	Ky.....	1858	"	Bellamy Storer.....	Ohio...	1899

SPANISH MINISTERS TO THE UNITED STATES.

Sovereigns.	Ministers.	Date.	Sovereigns.	Ministers.	Date.
Carlos IV....	Diego de Gardoqui, ch. d'aff.....	1785	Isabella II....	Gabriel Garcia y Tassara.....	1857
"	Jose Ignacio de Viar, ch. d'aff.....	1789	"	Facundo Goni.....	1867
"	Jose Ignacio de Viar, { joint }	1791	Provis. Gov..	Mauricio Lopez Roberts.....	1869
"	Jose de Jaudenes, { ch. d'aff. }		Amadeo I....	Admiral Don Jose Polo de Bernabe....	1872
"	Carlos M. de Irujo.....	1796	Pr. Figueras..	" " " " "	1872
"	Valentin de Foronda, ch. d'aff.....	1807	" Castelar..	" " " " "	1872
	Official relations with Spain were broken off from 1808 to 1814.		" Serrano ..	Antonio Mantilla.....	1874
Fernan. VII..	Luis de Onis.....	1809	Alphonso XII.	Jose Brunetti, ch. d'aff.....	1878
" ..	Mateo de la Serna, ch. d'aff.....	1819	"	Felipe Mendez de Vigo y Osorio.....	1879
" ..	Francisco Dionisio Vives.....	1820	"	Francisco Barca del Corral.....	1881
" ..	Joaquin de Anduaga.....	1821	"	Enrique Dupuy de Lome, ch. d'aff.....	1883
" ..	F. H. Rivas y Salmon, ch. d'aff.....	1823	"	Juan Valera y Alcala Galiano.....	1884
" ..	Francisco Tacon	1827	Alph. III.....	Emilio de Muruaga.....	1886
M. Christina..	" "	1827	"	Miguel Suarez Guanes.....	1890
Isabella II....	Angel Calderon de la Barca.....	1835	"	Jose Felipe Segario, ch. d'aff.....	1891
"	Pedro Alcantara Argaiz.....	1839	"	Enrique Dupuy de Lome.....	1892
"	Fidencio Bourman, ch. d'aff.....	1844	"	E. de Muruaga.....	1893
"	Angel Calderon de la Barca, min. res..	1844	"	Enrique Dupuy de Lome.....	1896
"	Jose Maria Magallon, ch. d'aff.....	1853	"	Louis Polo y Bernabe.....	1898
"	Leopoldo Augusto de Cueto.....	1854		Diplomatic intercourse broken off by the war.	
"	Alfonso Escalante.....	1855	"	Jose Brunetti, Duke of Arcos.....	1899

Centennial of the Founding of the City of Washington.

President McKinley's annual message to Congress December 5, 1898, had the following:

"In the year 1900 will occur the centennial anniversary of the founding of the city of Washington for the permanent capital of the Government of the United States by authority of an act of Congress, approved July 16, 1790. In May, 1800, the archives and general offices of the Federal Government were removed to this place. On the 17th of November, 1800, the National Congress met here for the first time, and assumed exclusive control of the federal district and city. This interesting event assumes all the more significance when we recall the circumstances attending the choosing of the site, the naming of the capital in honor of the father of his country, and the interest taken by him in the adoption of plans for its future development on a magnificent scale.

"A movement lately inaugurated by the citizens to have the anniversary celebrated with fitting ceremonies, including, perhaps, the establishment of a handsome permanent memorial to mark so historical an occasion, and to give it more than local recognition, has met with general favor on the part of the public.

"I recommend to the Congress the granting of an appropriation for this purpose, and the appointment of a committee from its respective bodies. It might also be advisable to authorize the President to appoint a committee from the country at large which, acting with the Congressional and District of Columbia Committees, can complete the plans for an appropriate national celebration."

Appropriate action was taken by the Fifty-fifth Congress at its third session. See "Acts of the Fifty-fifth Congress."

United States Customs Duties.

A TABLE OF LEADING ARTICLES IMPORTED, GIVING RATE AT ENTRY BY THE TARIFF ACT OF 1897.

N. e. s. indicates "when not elsewhere specified." Tables showing comparison with the Rates by the Tariff of 1883 and the McKinley Tariff of 1890 were printed in THE WORLD ALMANAC for 1895, and the Wilson Tariff of 1894 and the Dingley Tariff of 1897 in the edition of 1898.

ARTICLES.	Tariff Rate.
Alcohol, amylic, or fusel oil	¼c. ℔ lb.
Animals for breeding purposes	Free.
Barley, bushel of 48 lbs	30c. per bushel.
Beads	35 p. c. ad val.
Beef, mutton, and pork	2c. ℔ lb.
Beer, ale, not in bottles	20c. ℔ gal.
Beer, porter, and ale, in bottles	40c. "
Bindings, cotton	45 p. c. ad val.
Bindings, flax	45 "
Bindings, wool	50c. ℔ lb. and 60 p.c. ad val.
Blankets	22c. ℔ lb. and 30 p.c. ad val.
Blankets, value 40c. to 50c	33c. ℔ lb. and 35 p.c.ad val. (*a*)
Bonnets, silk	60 p. c. ad val.
Books, charts, maps	25 "
Books, over 20 years old, for public libraries	Free.
Bronze, manufactures of	45 p. c. ad val.
Brushes	40 "
Butter, and substitutes for	6c. ℔ lb.
Buttons, sleeve and collar, gilt	50 p. c. ad val.
Canvas for sails	45 "
Caps, fur and leather	35 "
Carpets, treble ingrain	22c. ℔ sq. yd. & 40 p.c. ad val.
Carpets, two-ply	18c ℔ sq.yd. & 40 p.c. ad val.
Carpets, tapestry Brussels	28c. ℔ sq. yd & 40 p.c. ad val.
Carpets, Wilton, Axminster, velvet	60c. ℔ sq. yd. & 40 p.c. ad val.
Cattle (over one year old)	27½ p.c.ad val.
Cheese, all kinds	6c. ℔ lb.
Cigars and cigarettes	$4.50 ℔ lb. and 25 p.c. ad val.
Clocks, n. e. s	40 p. c. ad val.
Clothing, ready-made, cotton, n.e.s.	50 "
Clothing, ready-made, linen, silk, and woollen	60 " (*k*
Coal, anthracite	Free.
Coal, bituminous	67c. ℔ ton.
Coffee	Free.
Confectionery, all sugar	50 p. c. ad val. (if more than 15c. ℔ lb.).
Copper, manufactures of	45 p. c. ad val.
Cotton gloves	50 "
Cotton handkerchiefs, hemmed	45 "
Cotton handkerchiefs, hemstitched	55 "
Cotton hosiery	50c. to $2 ℔ doz. pairs and 15 p. c. ad val.
Cotton shirts and drawers	60c. to $2.25 ℔ doz. & 15 p. c. to 50 p. c. ad val.
Cotton plushes, unbleached	9c. ℔ sq. yd. & 25 p.c.ad val.
Cotton webbing	45 p. c. ad val.
Cotton curtains	50 "
Cutlery, more than $3 per doz	20c. ℔ piece & 40 p.c.ad val.
Cutlery, razors, over $3 per doz	$1.75 ℔ doz. & 20 p.c.ad val.
Cutlery, table knives	16c. each and 15 p.c.ad val.
Cutlery, table knives, over $4 ℔ doz	45 p. c. ad val.
Diamonds (uncut, free), cut and set	60 "
Diamonds, cut, but not set	10 "
Drugs (crude, free), not crude	¼c. ℔ lb. and 10 p.c. ad val.
Dyewoods, crude	Free.
Dyewoods, extracts of	⅞c. ℔ lb.
Earthenware, common	25 p. c. ad val.
Earthenware, porcelain, plain	55 "
Earthenware, porcelain, etc., decorated	60 p. c. ad. val.
Eggs	5c. ℔ doz.
Engravings	25 p. c. ad val.
Extracts, meat	35c. ℔ lb.
Fertilizers, guanos, manures	Free. (*b*)
Firearms	Free.
Fish, American fisheries	¾c. ℔ lb.
Fish, smoked, dried	22c. ℔ lb. and 50 p.c. ad val.
Flannels	33c. ℔ lb. and 35 p.c.ad val.
Flannels, value 40c. to 50c	45 p. c. ad val.
Flax, manufactures of, n. e. s	50 "
Flowers, artificial	1c. ℔ lb. and 35 p.c. ad val.
Fruits, preserved in their own juice	25c. ℔ bu.
Fruits, apples	1c. ℔ lb.
Fruits, oranges, lemons, n. e. s	35 p. c. ad val.
Fur, manufactures of	35 "
Furniture, wood	60 "
Glassware, plain and cut	8c. ℔ sq. foot.
Glass, polished plate, not over 16x24	11c. "
Glass, silvered, not over 16x24	1c. ℔ lb.
Glass bottles, over 1 pint	Free.
Gloves, men's, ladies', children's	1½c. ℔ lb.
Glucose	2½c. ℔ lb (*g*).
Glue, value not over 7c. per lb	45 p. c. ad val.
Gold, manufactures of, not jewelry	10 "
Hair of hogs, curled for mattresses	35 "
Hair manufactures, n. e. s	20 p. c.; not drawn, free.
Hair, human, unmanufactured	5c. ℔ lb.
Hams and bacon	$4 ℔ ton.
Hay	2c. ℔ lb.
Hemp cordage	15 p. c. ad val.
Hides, raw, dried, salted, pickled	20c. ℔ gal.
Honey	5-10c. ℔ lb.
Hoops, iron or steel, baling	12c. ℔ lb.
Hops	30 p. c. ad val.
Horn, manufactures of	$30 ℔ head (*h*).
Horses, mules	30 p. c. ad val.
India-rubber, manufactures of	35 "
India-rubber, vulcanized	45 p. c. ad val.
Instruments, metal	45 "
Iron, manufactures of, n. e. s	12c. ℔ lb.
Iron screws, ½ inch or less in length	1½c. ℔ lb.
Iron, tinned plates	35 p. c. ad val.
Ivory, manufactures of, n. e. s	60 "
Jewelry	44c. ℔ lb. and 50 p.c. ad val.
Knit goods, wool, value not over 30c. ℔ lb	44c. ℔ lb. and 50 p.c.ad val.
Knit goods, woollen apparel, 30 to 40c. ℔ lb	44c. ℔ lb. and 50 p.c.ad val.
Knit goods, woollen apparel, over 40c. ℔ lb	60 p. c. ad val.
Knit goods, silk	2c. ℔ lb.
Lard	2½c. "
Lead, pigs, bars	1½c. "
Lead, type metal	35 p. c. ad val.
Leather manufactures, n. e. s	45 "
Linen manufactures, n. e. s	60 "
Linen, wearing apparel	1½c. ℔ lb.
Macaroni	45c. ℔ bu.
Malt, barley	8c. ℔ gross.
Matches, friction, boxed	6c. ℔ sq. yard.
Matting, cocoa and rattan	60 p. c. ad val.
Meerschaum pipes	40c to 56c, 3c. ℔ gal. (*i*).
Molasses, n. e. s	35 p. c. ad val.
Muffs, fur	45 "
Musical instruments	6-10c. ℔ lb.
Nails, cut	2¼c. "
Nails, horseshoe	Free.
Newspapers, periodicals	

UNITED STATES CUSTOMS DUTIES—*Continued.*

Articles.	Tariff Rate.
Oilcloth, value over 25c.	8 to 20c. ℔ sq. yd. (*j*).
Oil, clive	50c. ℔ gal., in bottles, etc.
Oil, olive, n. e. s.	40c. ℔ gal.
Oil, whale and seal, foreign, n. e. s.	8c. ℔ gal.
Onions	40c. ℔ bu.
Opium, liquid preparations	40 p. c. ad val.
Opium, crude and unadulterated	$1 ℔ lb.
Paintings and marble statuary	20 p. c. ad val.
Paper manufactures, n. e. s.	35 "
Paper stock, crude	Free.
Pepper, cayenne, unground	2½c. ℔ lb.
Perfumery, alcoholic	60c. ℔ lb. and 45 p. c. ad val.
Photograph albums	35 p. c. ad val.
Photograph slides	25 "
Pickles	40 "
Pins, metallic	35 "
Pipes of clay, common, 40c. ℔ gross.	15c. ℔ gross.
Poultry, dressed	5c. ℔ lb.
Potatoes	25c. ℔ bu.
Pulp wood, for paper-makers	1-12c. ℔ lb., mechanically ground. (*l*)
Quicksilver	7c. ℔ lb.
Quinine, sulphate, and salts	Free.
Railroad ties, cedar	20 p. c. ad val.
Rugs, Oriental	10c. ℔ sq. f. & 40 p.c.ad val.
Salmon, dried or smoked	2½c. ℔ lb.
Salt	12c. ℔ 100 lb., packages; 8c. ℔ 100 lb., bulk.
Sauces, n. e. s.	40 p. c. ad val.
Sausages, bologna	Free.
Sausages, all other	25 p. c. ad val.
Sealskin sacques	25 "
Silk, raw	Free.
Silk, spun in skeins	35 p.c.adval. (*d*
Silk laces, wearing apparel	60 "
Skins, uncured, raw	Free.
Skins, tanned and dressed	20 p. c. ad val.
Slates, manufactures of, n. e. s.	20 "
Smokers' articles, ex. clay pipes	60 "

Articles.	Tariff Rate.
Soap, castile	1¼c. ℔ lb.
Soap, toilet, perfumed	15c. ℔ lb.
Spirits, except bay rum	$2.25 prf. gal.
Straw manufactures, n. e. s.	30 p. c. ad val.
Sugars, not above 16 Dutch standard	95-100c. ℔ lb.
Sugars, above 16 Dutch standard	1 95-100c. "
Tea	Free.
Tin, ore or metal	"
Tin plates	1½c. ℔ lb.
Tobacco, cigar wrappers, not stemmed	$1.85 "
Tobacco, if stemmed	$2.50 "
Tobacco, all other leaf, stemmed	50c. "
Tobacco, unmanufactured, not stemmed	35c. "
Umbrellas, silk or alpaca	60 p. c. ad val.
Vegetables, natural, n. e. s	25 "
Vegetables, prepared or preserved.	40 "
Velvets, silk, 75 p. c. or more silk	$1.50 ℔ lb. and 15 p.c.ad val.
Watches and parts of	40 p.c. ad val.
Wheat, bushel of 60 lb.	25c. ℔ bu.
Willow for basket-makers	20 p. c. ad val.
Willow manufactures, n. e. s.	40 "
Wines, champagne, in ½-pt. bottles or less.	$2 ℔ doz.
Wines, champagne, in bottles, ½-pt. to 1 pt.	$4 "
Wines, champagne, in bottles, 1 pt. to 1 qt.	$8 "
Wines, still, in casks containing more than 14 p. c. absolute alcohol.	50c. ℔ gal.
Woods, cabinet, sawed	$1 to $2 ℔ M ft.
Wool, first class	11c. ℔ lb.
Wool, second class	12c. "
Wool, third class, n. e. s., above 13c. ℔ lb.	7c. ℔ lb. (*e*)
Wool or worsted yarns, value not over 30c. ℔ lb.	27½c. ℔ lb. & 40 p.c.ad val.
Wool or worsted yarns, value 30 to 40c. ℔ lb.	33½c. ℔ lb. & 40 p.c.ad val.
Wool or worsted yarns, value over 40c. ℔ lb.	33½c. ℔ lb. & 40 p.c.ad val.
Woollen or worsted clothing	44c. ℔ lb. & 60 p. c. ad val.

* The Dingley Tariff increases rates on women's and children's gloves uniformly 75c. per dozen pairs; on men's gloves the rates are the same as the Wilson rates. (*a*) Valued at more than 50c. per lb., 33c. per lb. and 40 per cent ad val. (*b*) Specific duties ranging from $1.50 to $6 on each article and 35 per cent ad val. (*c*) On goods above 40c. and not above 70c. per lb.; duty on goods above 70c. per lb., 44c. per lb. and 55 per cent ad val. (*d*) Value $1 per lb., 20c. per lb. and 15 per cent ad val., with increasing duty of 10c. per lb. for each 50c. additional value up to $2.50; all over $2.50 per lb., 60c. per lb. and 15 per cent ad val. (*e*) Wool valued at 12c. per lb. or less, 4c. per lb.; above 12c. duty is 7c. per lb. (*f*) Two prices only in Dingley bill, 30c. and less, and above 30c. (*g*) If not over 10c. per lb. (*h*) If valued at $150; if more, 25 per cent ad val. (*i*) Above 56°, 6c. per gal. (*j*) And 15 to 20 per cent ad val. (*k*) On woollen an additional duty of 44c. per lb. (*l*) Chemical wood pulp, 1-6c. per lb.

War Revenue Taxes.

TAXES IMPOSED BY CONGRESS UNDER REVENUE ACT APPROVED JUNE 13, 1898.

TAX ON FERMENTED LIQUORS—TOOK EFFECT FROM DATE OF ACT.

Beer, lager beer, ale, porter, and other similar fermented liquor, per barrel of 31 gallons $2
(7½ per cent discount on all sales of stamps.)

ANNUAL SPECIAL TAXES—TOOK EFFECT JULY 1, 1898.

Bankers using a capital (including surplus) not exceeding $25,000	$50
For every additional $1,000 in excess of $25,000	2
Brokers (except those paying tax as bankers)	50
Pawnbrokers	20
Commercial brokers	20
Custom-house brokers	10
Proprietors of theatres, museums, and concert halls in cities of more than 25,000 population, as shown by last preceding United States census	100
Proprietors of circuses	100
Proprietors of other public exhibitions or shows for money	10
Proprietors of bowling alleys and billiard rooms, for each alley or table	5

TOBACCO, CIGARS, CIGARETTES, AND SNUFF.

Tobacco and snuff, manufactured ..... 12 cents per pound
Cigars and cigarettes:
Cigars weighing more than 3 pounds per 1,000 ..... $3.60 per M.

WAR REVENUE TAXES—*Continued.*

Cigars weighing not more than 3 pounds per 1,000	$1.00 per M.
Cigarettes weighing more than 3 pounds per 1,000	3.60 per M.
Cigarettes weighing not more than 3 pounds per 1,000	1.50 per M.
Dealers in leaf tobacco and manufacturers of tobacco:	
When annual sales do not exceed 50,000 pounds	$6
When annual sales exceed 50,000 and do not exceed 100,000 pounds	12
When annual sales exceed 100,000 pounds	24
Dealers in tobacco whose annual sales exceed 50,000 pounds	12
Manufacturers of cigars:	
When annual sales do not exceed 100,000 cigars	6
When annual sales exceed 100,000 and do not exceed 200,000 cigars	12
When annual sales exceed 200,000 cigars	24

STAMP TAXES—TOOK EFFECT JULY 1, 1898.

Bonds, debentures, or certificates of stock and indebtedness issued after July 1, 1898, on each $100 of face value	5 cents
Certificates of stock, original issues of, on organization or reorganization, on each $100 of face value or fraction thereof	5 cents
Sale or agreement to sell stock in any association, company, or corporation, on each $100 of face value or fraction thereof	2 cents
Sale or agreement to sell any products of merchandise, at any exchange, board of trade, or similar place:	
For each $100 in value	1 cent
For each additional $100 or fraction thereof	1 cent
Bank check, draft, or certificate of deposit not drawing interest, or money order at sight	2 cents
Bill of exchange (inland), draft, certificate of deposit drawing interest, or money order other than at sight or on demand, or promissory note (except bank notes), and original domestic money orders issued by the United States after July 1, 1898:	
For a sum not exceeding $100	2 cents
For each additional $100 or fraction thereof	2 cents
Bill of exchange (foreign) or letter of credit (including orders by telegraph, or otherwise, for the payment of money issued by express or other companies, or any person), drawn in, but payable out of, the United States:	
If drawn singly or otherwise than in a set of three or more—	
Not exceeding $100	4 cents
For each additional $100 or part thereof	4 cents
If drawn in sets of two or more—	
For every bill of each set not exceeding $100	2 cents
For each additional $100 or part thereof	2 cents
Bill of lading or receipt (other than charter party) for merchandise for export	10 cents
Bill of lading, manifest, or receipt, and each duplicate thereof, express and freight	1 cent
Telephone messages costing 15 cents or over, each	1 cent
Bonds of indemnity	50 cents
Certificates of profit and transfers thereof, on each $100 or part of	2 cents
Certificates issued by port warden or surveyor	25 cents
Certificates, all other, required by law, not elsewhere specified	10 cents
Charter contracts or agreements, or renewals or transfers of:	
For vessels not exceeding 300 tons	$3
For vessels exceeding 300 and not exceeding 600 tons	5
For vessels exceeding 600 tons	10
Broker's note or memorandum of sale	10 cents
Conveyance deed or instrument or writing transferring realty:	
When value exceeds $100 and does not exceed $500	50 cents
For each additional $500 or fraction thereof	50 cents
Telegraphic despatch	1 cent
Custom-house entry of merchandise:	
Not exceeding $100 in value	25 cents
Exceeding 100 and not exceeding $500	50 cents
Exceeding $500	$1
Entry for withdrawal of merchandise from customs bonded warehouse	50 cents
Life insurance policies (except any fraternal beneficiary society or order, or farmers' purely local coöperative company or association, or employés' relief associations operated on the lodge system or local coöperation plan, organized and conducted solely by the members thereof for the exclusive benefit of its members and not for profit):	
For each $100 or fractional part of	8 cents
On policies issued on weekly-payment plan	40 per cent on amount of first weekly premium
Insurance policies (marine, inland, fire), except purely coöperative or mutual, on each dollar of the amount of premium	½ of 1 cent
Insurance policies (casualty, fidelity, and guarantee), on each dollar of amount of premium	½ of 1 cent
Lease, agreement, or contract for rent:	
Not exceeding one year	25 cents
Exceeding one year and not exceeding three years	50 cents
Exceeding three years	$1
Manifest for entry or clearance of vessel for foreign port:	
When registered tonnage does not exceed 300 tons	1
When registered tonnage exceeds 300 tons and does not exceed 600 tons	3
When registered tonnage exceeds 600 tons	5
Mortgage or pledge of lands, estate, or property, real or personal, or assignment, transfer, or renewal of:	
Exceeding $1,000 and not exceeding $1,500	25 cents
On each $500, or fractional part of, in excess of $1,500	25 cents

WAR REVENUE TAXES—*Continued.*

Passage tickets from the United States to foreign parts:
- Costing not over $30 ..... $1
- Costing more than $30 and not over $60 3
- Costing more than $60 5

Power of attorney or proxy for voting at any election of officers of any incorporated company or association, except religious, charitable, or literary, or public cemeteries ..... 10 cents
- Power of attorney, other ..... 25 cents

Protests of notes, etc ..... 25 cents

Warehouse receipts ..... 25 cents

Medicinal proprietary articles and preparations (on every packet, box, bottle, pot, phial, or other inclosure):
- On retail value not exceeding 5 cents ..... ⅛ of 1 cent
- Exceeding 5 cents and not exceeding 10 cents ..... ¼ of 1 cent
- Exceeding 10 cents and not exceeding 15 cents ..... ⅜ of 1 cent
- Exceeding 15 cents and not exceeding 25 cents ..... ⅝ of 1 cent
- Each additional 25 cents of retail price or fractional part thereof ..... ⅝ of 1 cent

Perfumery, cosmetics, and other similar articles (on every packet, box, bottle, etc.):
- On retail value not exceeding 5 cents ..... ⅛ of 1 cent
- Exceeding 5 cents and not exceeding 10 cents ..... ¼ of 1 cent
- Exceeding 10 cents and not exceeding 15 cents ..... ⅜ of 1 cent
- Exceeding 15 cents and not exceeding 25 cents ..... ⅝ of 1 cent
- Each additional 25 cents or part thereof ..... ⅝ of 1 cent

Sparkling or other wines, bottled:
- Each bottle containing 1 pint or less ..... 1 cent
- Each bottle containing more than 1 pint ..... 2 cents

Chewing gum, or substitutes:
- On each jar, box, or other package, if not more than $1 retail value ..... 4 cents
- On each additional $1 or part thereof ..... 4 cents

EXCISE TAXES.

Corporation, company, person, or firm refining petroleum or sugar, or owning or controlling any pipe line for transporting oil or other products where gross annual receipts exceed $250,000—on gross amount of receipts in excess of $250,000 ..... ¼ of 1 per cent

On every seat sold in a palace or parlor car, and on every berth sold in a sleeping car .... 1 cent

LEGACY TAXES—TOOK EFFECT FROM DATE OF ACT.

1. Where the person or persons entitled to beneficial interest shall be the lineal issue or lineal ancestor, brother, or sister of deceased:
   - When the whole amount exceeds $10,000 and does not exceed $25,000 ..... 75 cents on each $100
   - When the whole amount exceeds $25,000 and does not exceed $100,000 ..... $1.125 on each $100
   - When the whole amount exceeds $100,000 and does not exceed $500,000 ..... $1.50 on each $100
   - When the whole amount exceeds $500,000 and does not exceed $1,000,000 ..... $1.875 on each $100
   - When the whole amount exceeds $1,000,000 ..... $2.25 on each $100
2. Where the person or persons entitled to beneficial interest shall be the descendant of a brother or sister:
   - When the whole amount exceeds $10,000 and does not exceed $25,000 ..... $1.50 on each $100
   - When the whole amount exceeds $25,000 and does not exceed $100,000 ..... $2.25 on each $100
   - When the whole amount exceeds $100,000 and does not exceed $500,000 ..... $3 on each $100
   - When the whole amount exceeds $500,000 and does not exceed $1,000,000 ..... $3.75 on each $100
   - When the whole amount exceeds $1,000,000 ..... $4.50 on each $100
3. Where the person or persons entitled to any beneficial interest shall be the brother or sister of the father or mother or a descendant of a brother or sister of the father or mother:
   - When the whole amount exceeds $10,000 and does not exceed $25,000 ..... $3 on each $100
   - When the whole amount exceeds $25,000 and does not exceed $100,000 ..... $4.50 on each $100
   - When the whole amount exceeds $100,000 and does not exceed $500,000 ..... $6 on each $100
   - When the whole amount exceeds $500,000 and does not exceed $1,000,000 ..... $7.50 on each $100
   - When the whole amount exceeds $1,000,000 ..... $9 on each $100
4. Where the person or persons entitled to beneficial interest shall be the brother or sister of the grandfather or grandmother or a descendant of the brother or sister of the grandfather or grandmother:
   - When the whole amount exceeds $10,000 and does not exceed $25,000 ..... $4 on each $100
   - When the whole amount exceeds $25,000 and does not exceed $100,000 ..... $6 on each $100
   - When the whole amount exceeds $100,000 and does not exceed $500,000 ..... $8 on each $100
   - When the whole amount exceeds $500,000 and does not exceed $1,000,000 ..... $10 on each $100
   - When the whole amount exceeds $1,000,000 ..... $12 on each $100
5. Where the person or persons entitled to beneficial interest shall be a person of any other degree of collateral consanguinity, or a stranger in blood, or a body politic or corporation:
   - When the whole amount exceeds $10,000 and does not exceed $25,000 ..... $5 on each $100
   - When the whole amount exceeds $25,000 and does not exceed $100,000 ..... $7.50 on each $100
   - When the whole amount exceeds $100,000 and does not exceed $500,000 ..... $10 on each $100
   - When the whole amount exceeds $500,000 and does not exceed $1,000,000 ..... $12.50 on each $100
   - When the whole amount exceeds $1,000,000 ..... $15 on each $100

MIXED FLOUR—TOOK EFFECT 60 DAYS AFTER PASSAGE OF ACT.

Person, firm, or corporation making, packing, or repacking ..... $12 per annum

On each barrel containing more than 98 pounds and not more than 196 pounds ..... 4 cents per barrel

On each ½ barrel or package containing more than 49 pounds and not more than 98 pounds ..... 2 cents per barrel

On each ¼ barrel or package containing more than 24½ pounds and not more than 49 pounds ..... 1 cent per barrel

On each ⅛ barrel or package containing 24½ pounds or less ..... ½ cent per barrel

CUSTOMS DUTIES.

Tea imported from foreign countries ..... 10 cents per pound

United States Internal Revenue Receipts.

SUMMARY OF INTERNAL REVENUE RECEIPTS FROM 1872 TO 1899, INCLUSIVE.

Fiscal Years.	Spirits.	Tobacco.	Fermented Liquors.	Banks and Bankers.	Miscellaneous.	Adhesive Stamps.	Collections Under Repealed Laws.
1872	$49,475,516	$33,736,171	$8,258,498	$4,628,229	$442,205	$16,177,321	$19,053.007
1873	52,099,372	34,386,303	9,324,938	3,771,031	461,653	7,702,377	6,329,782
1874	49,444,090	33,242,876	9,304,680	3,387,161	364,216	6,136,845	764,880
1875	52,081,991	37,303,462	9,144,004	4,097,248	281,108	6,557,230	1,080,111
1876	56,426,365	39,795,340	9,571,281	4,006,698	409,284	6,518,488	509,631
1877	57,469,430	41,106,547	9,480,789	3,829,729	419,999	6,450,429	238,261
1878	50,420,816	40,091,755	9,987,052	3,492,932	346,008	6,380,405	429,659
1879	52,570,285	40,135,003	10,729,520	3,198,884	578,591	6,237,538	....
1880	61,185,509	38,870,149	12,829,805	3,350,985	383,755	7,668,394	....
1881	67,153,975	42,854,991	13,700,241	3,762,208	231,078	7,924,708	152,163
1882	69,873,408	47,391,989	16,153,920	5,253,458	199,830	7,570,109	78,559
1883	74,368,775	42,104,250	16,900,816	3,748,995	305,803	7,053,053	71,852
1884	76,905,385	26,062,400	18,084,954	....	289,144	....	265,068
1885	67,511,209	26,407,088	18,230,782	....	222,681	....	49,361
1886	69,092,266	27,907,363	19,676,731	....	194,422	....	32,087
1887	65,766,076	30 083,710	21,918,213	4,288	219,058	....	29,283
1888	69,287,431	30,636,076	23,324,218	4,203	154,970	....	9,548
1889	74,302,887	31,862,195	23,723,835	6,179	83,893	....	....
1890	81,682,970	33,949,998	26,008,535	69	135,555	....	....
1891	83,335,964	32,796,271	28,565,130	....	256,214	....	....
1892	91,309,984	31,000,493	30,037,453	....	239,532	....	....
1893	94,712,938	31,843,556	32,527,424	....	166,915	....	....
1894	85,259,252	28,617,899	31,414,788	2	1,876,509	....	....
1895	79,862,627	29,707,908	31,640,618	....	1,960,794	....	...
1896	80,670 071	30,711,629	33,784,235	135	1,664,545	....	....
1897	82 008,543	30,710,297	32,472,162	85	1,426,506	....	....
1898	92,547,000	36 230,522	39,515,421	1,180	2,572,696	794,418	....
1899	99,283,534	52,493,208	68,644,558	....	9,225,453	43,837,819	.....

Of the receipts in 1899 classed as "Miscellaneous," $1,235,435 was from legacies, $4,921,593 from special taxes on bankers, billiard rooms, brokers, and exhibitions, and $643,446 from excise tax on gross receipts, under the War Revenue Law of 1898.

RECEIPTS BY STATES AND TERRITORIES.

FISCAL YEAR ENDED JUNE 30, 1899.

States and Territories.	Aggregate Collections.	States and Territories.	Aggregate Collections.
Alabama	$508,296.92	Montana, Idaho, and Utah	$681,097.21
Arkansas	269,936.30	Nebraska and N. and S. Dakota	3,428,079.38
California and Nevada	4,348,693.48	New Hampshire, Maine, Vermont	1,341,036.09
Colorado and Wyoming	1,248,135.22	New Jersey	8,074,261.18
Connecticut and Rhode Island	2,916,759.03	New Mexico and Arizona	132,867.28
Florida	682 422.50	New York	46,634,980.98
Georgia	941,726.30	North Carolina	4,921,016.91
Illinois	47 359,523.87	Ohio	21,341,065.75
Indiana	17,213,070.97	Oregon, Washington, and Alaska	1,074,921.81
Iowa	2,003,256.26	Pennsylvania	23,335,573.53
Kansas, Indian Ter., and Oklahoma	944,825.37	South Carolina	264,278.15
Kentucky	22,215,234.23	Tennessee	2,173,895.50
Louisiana and Mississippi	2,254,173.74	Texas	1,577,833 59
Maryland, Del., D.C., and 2 Va. Dists.	8,190,409.41	Virginia	4,815,851.08
Massachusetts	8,153,620 36	West Virginia	1,430 196.57
Michigan	4,643,795.49	Wisconsin	9,467,065.41
Minnesota	2,567,688.23		
Missouri	16,369,075.34	Total	$273,484,573.44

Estimated Wealth of the United States.

Special Agent J. K. Upton, of the Eleventh Census, prepared the following estimate of the true valuation of all property in the United States in 1890:

The total true valuation of the real and personal property in the country at the close of the census period 1890 amounted to $65,037,091,197, of which amount $39,544,544,333 represents the value of real estate and improvements thereon and $25,492,546,864 that of personal property, including railroads, mines, and quarries. At the same time the total assessed value of real and personal property taxed was $25,473,173,418, of which amount $18,956,556,675 represented real estate and improvements thereon and $6,516,616,743 personal property.

The true valuation is what would be deemed a fair selling price for the property, and is thus termed in distinction from the assessed valuation, which is a value placed upon certain taxable property for taxation purposes only. The true valuation of property for 1890 is classified as follows:

Real estate, with improvements thereon	$39,544,544,333
Live stock on farms and ranges, farm implements, and machinery	2,703,015,040
Mines and quarries, including product on hand	1,291,291,579
Gold and silver coin and bullion	1,158,774,948
Machinery of mills and product on hand, raw and manufactured	3,058,593,441
Railroads and equipments, including $283,893,519 street railroads	8,685,407,323
Telegraphs, telephones, shipping, and canals	701,755,719
Miscellaneous	7,893,708,821
Total	$65,037,091,197

The estimated increase of wealth from 1880 to 1890 by Special Agent Upton was 49 per cent. A proportionate increase from 1890 to 1900 would indicate wealth of nearly $100,000,000,000 at the beginning of the twentieth century.

Receipts and Expenditures of U. S. Government, 1866-99.

REVENUE BY FISCAL YEARS.

Years. Ending June 30.	Customs.	Internal Revenue.	Direct Tax.	Sales of Public Lands.	Miscellaneous Sources. Premiums on Loans & Sales of Gold Coin.	Miscellaneous Sources. Other Miscellaneous Items.	Total Revenue.	Excess of Revenue over Ordinary Expenditures.
1866	$179,046,652	$309,226,813	$1,974,754	$665,031	$38,083,056	$29,086,314	$558,032,620	$37,223,203
1867	176,417,811	266,027,537	4,200,234	1,163,576	27,787,330	15,037,522	490,634,010	133,091,335
1868	164,464,600	191,087,589	1,788,146	1,348,715	29,203,629	17,745,404	405,638,083	28,297,798
1869	180,048,427	158,356,461	765,686	4,020,344	13,755,491	13,997,339	370,943,747	48,078,469
1870	194,538,374	184,899,756	229,103	3,350,482	15,295,644	12,942,118	411,255,478	101,601,917
1871	206,270,408	143,098,154	580,355	2,388,647	8,892,840	22,093,541	383,323,945	91,146,757
1872	216,370,287	130,642,178	....	2,575,714	9,412,638	15,106,051	374,106,868	96,588,905
1873	188,089,523	113,720,314	315,255	2,882,312	11,560,531	17,161,270	333,738,205	43,302,959
1874	163,103,834	102,409,785	....	1,852,429	5,037,665	17,075,043	289,478,755	2,344,882
1875	157,167,722	110,997,494	....	1,413,640	3,979,280	15,431,915	288,990,651	13,376,658
1876	148,671,985	116,700,732	93,799	1,129,467	4,029,281	17,456,776	287,482,039	29,022,242
1877	130,956,493	118,630,408	....	976,254	405,777	18,031,655	269,000,587	30,340,578
1878	130,170,680	110,581,625	....	1,079,743	317,102	15,614,728	257,763,879	20,799,552
1879	137,250,043	113,561,611	....	924,781	1,505,048	20,585,697	273,827,184	6,879,361
1880	186,522,065	124,009,374	31	1,016,507	110	21,978,825	333,526,611	65,386,653
1881	198,159,676	135,264,386	1,517	2,201,863	....	25,154,851	360,782,293	100,069,405
1882	220,410,730	146,497,595	160,142	4,753,140	....	31,703,643	403,525,250	145,548,811
1883	214,706,497	144,720,369	108,157	7,955,864	....	30,796,695	398,287,582	132,879,444
1884	195,067,490	121,586,073	70,721	9,810,705	....	21,934,882	348,519,870	104,398,626
1885	181,471,989	112,498,726	....	5,705,996	....	24,014,055	323,690,766	63,486,771
1886	192,905,693	116,865,936	108,240	5,630,999	....	20,989,528	336,499,727	93,956,589
1887	217,286,893	118,823,391	32,892	9,254,286	....	26,005,815	371,403,278	163,471,628
1888	219,091,174	124,396,872	1,566	11,202,017	....	24,674,446	379,366,065	111,341,274
1889	223,832,742	130,881,514	....	8,038,652	....	24,297,151	387,050,059	87,761,081
1890	229,668,585	142,606,705	....	6,358,378	....	24,447,420	403,080,983	85,040,272
1891	219,522,265	145,686,249	....	4,029,525	....	23,374,457	392,612,447	26,838,542
1892	177,452,964	153,971,072	....	3,261,876	....	20,251,872	354,937,784	9,914,454
1893	203,355,017	160,296,130	....	3,182,090	....	18,253,898	385,818,629	2,341,674
1894	131,818,531	147,111,282	....	1,673,637	....	17,118,618	297,722,019	*69,803,261
1895	152,158,617	143,421,672	....	1,103,347	....	16,706,438	313,390,075	*42,805,223
1896	160,021,752	146,762,865	....	1,005,523	....	19,186,061	326,976,200	*25,203,246
1897	176,554,126	146,923,774	....	864,581	....	23,614,422	347,721,905	*18,052,254
1898	149,819,594	169,943,040	....	1,243,129	....	33,505,319	404,511,082	*38,864,305
1899	206,141,225	272,486,648	....	....	....	37,024,793	515,652,666	*89,898,657

EXPENDITURES BY FISCAL YEARS.

Years. Ending June 30.	Premium on Loans and Purchase of Bonds, etc.	Other Civil and Miscellan'ous Items.	War Department.	Navy Department.	Indians.	Pensions.	Interest on Public Debt.	Total Ordinary Expenditures.
1866	$58,477	$41,056,962	$284,449,702	$43,324,119	$3,247,065	$15,605,352	$133,067,742	$520,809,417
1867	10,813,349	51,110,224	95,224,416	31,034,011	4,642,532	20,936,552	143,781,592	357,542,675
1868	7,001,151	53,009,868	123,246,649	25,775,503	4,100,682	23,782,387	140,424,046	377,340,285
1869	1,674,680	56,474,062	78,501,991	20,000,758	7,042,923	28,476,622	130,694,243	322,865,278
1870	15,996,556	53,237,462	57,655,675	21,780,230	3,407,938	28,340,202	129,235,498	309,653,561
1871	9,016,795	60,481,916	35,799,992	19,431,027	7,426,997	34,443,895	125,576,566	292,177,188
1872	6,958,267	60,984,757	35,372,157	22,249,810	7,061,729	28,533,403	117,357,840	277,517,963
1873	5,105,920	73,328,110	46,323,138	23,526,257	7,951,705	29,359,427	104,750,688	290,345,245
1874	1,395,074	69,641,593	42,313,927	30,932,587	6,692,462	29,038,415	107,119,815	287,133,873
1875	....	71,070,703	41,120,646	21,497,626	8,384,657	29,456,216	103,093,545	274,623,393
1876	....	66,958,374	38,070,889	18,963,310	5,966,558	28,257,396	100,243,271	258,459,797
1877	....	56,252,067	37,082,736	14,959,935	5,277,007	27,963,752	97,124,512	238,660,009
1878	....	53,177,704	32,154,148	17,365,301	4,629,280	27,137,019	102,500,875	236,964,327
1879	....	65,741,555	40,425,661	15,125,127	5,206,109	35,121,482	105,327,949	266,947,883
1880	2,795,320	54,713,530	38,116,916	13,536,985	5,945,457	56,777,174	95,757,575	267,642,958
1881	1,061,249	64,416,325	40,466,461	15,686,672	6,514,161	50,059,280	82,508,741	260,712,888
1882	....	57,219,751	43,570,494	15,032,046	9,736,747	61,345,194	71,077,207	257,981,440
1883	....	68,678,022	48,911,383	15,283,437	7,362,590	66,012,574	59,160,131	265,408,138
1884	....	70,920,434	39,429,603	17,292,601	6,475,999	55,429,228	54,578,378	244,126,244
1885	....	87,494,258	42,670,578	16,021,080	6,552,495	58,102,367	51,386,256	260,226,935
1886	....	74,166,940	34,324,153	13,907,888	6,099,158	63,404,864	50,580,146	242,483,138
1887	....	85,264,826	38,561,026	15,141,127	6,194,523	75,029,102	47,741,577	267,932,180
1888	8,270,842	72,952,261	38,522,436	16,926,428	6,249,308	80,288,509	44,715,007	267,924,801
1889	17,292,363	80,664,064	44,435,271	21,378,809	6,892,206	87,624,779	41,001,484	299,288,978
1890	20,304,244	81,403,256	44,582,838	22,006,206	6,708,047	106,936,855	36,099,264	318,040,711
1891	10,401,221	110,048,167	48,720,065	26,113,896	8,527,469	124,415,951	37,547,135	365,773,905
1892	....	99,841,988	46,895,456	29,174,139	11,150,578	134,593,053	28,378,116	345,023,330
1893	....	103,732,799	49,641,773	30,136,084	13,345,347	159,357,558	27,264,392	383,477,954
1894	....	102,165,471	54,567,930	31,701,294	10,293,482	141,177,285	27,841,406	367,746,867
1895	....	93,279,730	51,804,759	28,797,796	9,939,754	141,395,229	30,978,630	356,195,298
1896	....	87,216,285	50,830,921	27,147,732	12,165,528	139,434,001	35,265,029	352,179,446
1897	....	90,401,267	48,950,267	34,561,546	13,016,802	141,053,164	37,791,110	365,774,159
1898	....	96,546,303	91,957,802	58,848,763	10,986,523	147,450,940	37,585,056	443,375,387
1899	....	119,834,761	228,834,154	64,814,440	12,784,676	139,387,353	39,886,940	605,551,323

The total receipts of the United States from the beginning of the Government, 1789, to 1899 have been: From customs, $8,169,398,207; internal revenue, $5,452,642,131; direct tax, $28,131,944; public lands, $292,829,824; miscellaneous, $326,589,426; total, excluding loans, $15,518,806,609.

The total expenditures of the United States from the beginning of the Government, 1789, to 1899 have been: For civil and miscellaneous, $3,161,516,255; war, $5,401,414,800; navy, $1,512,730,414; Indians, $358,170,220; pensions, $2,517,731,880; interest, $2,942,194,849; total, $15,893,758,218. * Expenditures in excess of revenue.

Patent Office Procedure.

THE following statement has been revised by the Patent Office for THE WORLD ALMANAC for 1900:

Patents are issued in the name of the United States, and under the seal of the Patent Office, to any person who has invented or discovered any new and useful art, machine, manufacture, or composition of matter or any new and useful improvement thereof, not known or used by others in this country before his invention or discovery thereof and not patented or described in any printed publication in this or any foreign country, before his invention or discovery thereof or more than two years prior to his application, and not in public use or on sale in the United States for more than two years prior to his application, unless the same is proved to have been abandoned; and by any person who, by his own industry, genius, efforts, and expense, has invented and produced any new and original design for a manufacture, bust, statue, alto-relievo, or bas-relief; any new and original design for the printing of woolen, silk, cotton, or other fabrics; any new and original impression, ornament, pattern, print, or picture to be printed, painted, cast, or otherwise placed on or worked into any article of manufacture; or any new, useful, and original shape or configuration of any article of manufacture, the same not having been known nor used by others before his invention or production thereof, nor patented nor described in any printed publication, upon payment of the fees required by law and other due proceedings had.

Every patent contains a grant to the patentee, his heirs or assigns, for the term of seventeen years, of the exclusive right to make, use, and vend the invention or discovery throughout the United States and the Territories, referring to the specification for the particulars thereof.

If it appear that the inventor, at the time of making his application, believed himself to be the first inventor or discoverer, a patent will not be refused on account of the invention or discovery, or any part thereof, having been known or used in any foreign country before his invention or discovery thereof, if it had not been before patented or described in any printed publication.

Joint inventors are entitled to a joint patent; neither can claim one separately. Independent inventors of distinct and independent improvements in the same machine cannot obtain a joint patent for their separate inventions; nor does the fact that one furnishes the capital and another makes the invention entitle them to make application as joint inventors; but in such case they may become joint patentees.

No person otherwise entitled thereto will be debarred from receiving a patent for his invention or discovery, by reason of its having been first patented or caused to be patented by the inventor or his legal representatives or assigns in a foreign country, unless the application for said foreign patent was filed more than seven months prior to the filing of the application in this country, in which case no patent shall be granted in this country.

APPLICATIONS.

Applications for a patent must be made in writing to the Commissioner of Patents. The applicant must also file in the Patent Office a written description of the same, and of the manner and process of making, constructing, compounding, and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art or science to which it appertains, or with which it is most nearly connected, to make, construct, compound, and use the same; and in case of a machine, he must explain the principle thereof, and the best mode in which he has contemplated applying that principle, so as to distinguish it from other inventions, and particularly point out and distinctly claim the part, improvement, or combination which he claims as his invention or discovery. The specification and claim must be signed by the inventor and attested by two witnesses.

When the nature of the case admits of drawings, the applicant must furnish a drawing of the required size, signed by the inventor or his attorney in fact, and attested by two witnesses. In all cases which admit of representation by model, the applicant, if required by the Patent Office, shall furnish a model of convenient size to exhibit advantageously the several parts of his invention or discovery.

The applicant shall make oath that he verily believes himself to be the original and first inventor or discoverer of the art, machine, manufacture, composition, or improvement for which he solicits a patent; that he does not know and does not believe that the same was ever before known or used, and shall state of what country he is a citizen and where he resides. In every original application the applicant must distinctly state under oath that the invention has not been patented to himself or to others with his knowledge or consent in this or any foreign country for more than two years prior to his application, or on an application for a patent filed in any foreign country by himself or his legal representatives or assigns more than seven months prior to his application. If any application for patent has been filed in any foreign country by the applicant in this country or by his legal representatives or assigns, prior to his application in this country, he shall state the country or countries in which such application has been filed, giving the date of such application, and shall also state that no application has been filed in any other country or countries than those mentioned; that to the best of his knowledge and belief the invention has not been in public use or on sale in the United States nor described in any printed publication or patent in this or any foreign country for more than two years prior to his application in this country. Such oath may be made before any person within the United States authorized by law to administer oaths, or, when the applicant resides in a foreign country, before any minister, chargé d'affaires, consul, or commercial agent holding commission under the Government of the United States, or before any notary public of the foreign country in which the applicant may be, provided such notary is authorized by the laws of his country to administer oaths.

On the filing of such application and the payment of the fees required by law, if, on examination, it appears that the applicant is justly entitled to a patent under the law, and that the same is sufficiently useful and important, the Commissioner will issue a patent therefor.

Every patent or any interest therein shall be assignable in law by an instrument in writing; and the patentee or his assigns or legal representatives may, in like manner, grant and convey an exclusive right under his patent to the whole or any specified part of the United States.

REISSUES.

A reissue is granted to the original patentee, his legal representatives, or the assignees of the entire interest when, by reason of a defective or insufficient specification, or by reason of the patentee claiming as his invention or discovery more than he had a right to claim as new, the original patent is inoperative or invalid, provided the error has arisen from inadvertence, accident, or mistake, and without any fraudulent or deceptive intention. Reissue applications must be made and the specifications sworn to by the inventors, if they be living.

CAVEATS.

A caveat, under the patent law, is a notice given to the office of the caveator's claim as inventor, in order to prevent the grant of a patent to another for the same alleged invention upon an application filed during the life of a caveat without notice to the caveator.

Any citizen of the United States who has made a new invention or discovery, and desires further

PATENT OFFICE PROCEDURE—*Continued.*

time to mature the same, may, on payment of a fee of ten dollars, file in the Patent Office a caveat setting forth the object and the distinguishing characteristics of the invention, and praying protection of his right until he shall have matured his invention. Such caveat shall be filed in the confidential archives of the office and preserved in secrecy, and shall be operative for the term of one year from the filing thereof. The caveat may be renewed, on request in writing, by the payment of a second fee of ten dollars, and it will continue in force for one year from the payment of such second fee.

The caveat must comprise a specification, oath, and, when the nature of the case admits of it, a drawing, and, like the application, must be limited to a single invention or improvement.

FEES.

Fees must be paid in advance, and are as follows: On filing each original application for a patent, $15. On issuing each original patent, $20. In design cases: For three years and six months, $10; for seven years, $15; for fourteen years, $30. On filing each caveat, $10. On every application for the reissue of a patent, $30. On filing each disclaimer, $10. For certified copies of patents and other papers in manuscript, ten cents per hundred words; for certified copies of printed patents, eighty cents. For uncertified printed copies of specifications and drawings of patents, for single copies, or any number of unclassified copies, five cents each; for copies by subclasses, three cents each; by classes, two cents each, and for the entire set of patents issued, in one order, one cent each. For recording every assignment, agreement, power of attorney, or other paper, of three hundred words or under, $1; of over three hundred and under one thousand words, $2; of over one thousand words, $3. For copies of drawings, the reasonable cost of making them. The Patent Office is prepared to furnish positive blue-print photographic copies of any drawing, foreign or domestic, in the possession of the office, in sizes and at rates as follows: Large size, 10x15 inches, twenty-five cents; medium size, 7x11 inches, fifteen cents; small size, 5x8 inches, five cents. An order for small-sized copies can be filled only when it relates to the drawings of an application for patent.

PATENT OFFICE STATISTICS.

The receipts of the Patent Office during the year ending December 31, 1898, were $1.137,734.48, and expenditures, $1.136,196.20. Receipts over expenditures, $1,538.28.

The following is a statement of the business of the office for the year ending December 31, 1898:

Number of applications for patents	33.915
Number of applications for design patents	1,843
Number of applications for reissue patents	84
Number of applications for registration of trade marks	1,796
Number of applications for registration of labels	316
Number of applications for prints	50
Number of caveats filed	1,659
Total	39,683

Number of patents granted, including reissues and designs	22,267
Number of trade marks registered	1,238
Number of labels registered	200
Number of prints registered	35
Total	23,740
Number of patents withheld for non-payment of final fees	4,368
Number of patents expired	15,548

The total number of applications filed at the Patent Office in sixty-two years, 1837-98, was 1,073,-950; number of caveats filed, 109,074; number of original patents, including designs, issued, 623,535. Receipts to December 31, 1898, $35,447,065.54; expenditures, $30,429,868.52; net surplus, $5,017,197.02. The largest number of patents granted for an article prior to January, 1895, has been for carriages and wagons, 20,000, and for stoves and furnaces, 18,000. The next largest has been for harvesters, 10,000; lamps and gas fittings, 10,000; boots and shoes, 10,000, and packing and storing vessels, 10,000, approximately.

The American Indian.

(Population in 1890 as Reported by the Census.)

Arizona	16,740	Kansas	1,437	Pueblos	8,278	Utah	2,489
California	15,283	Louisiana	132	New York	28	Washington	10,837
Colorado	1,034	Maine	140	Six Nations	5,304	Wisconsin	8,896
Connecticut	24	Massachusetts	145	North Carolina	231	Wyoming	1,806
Florida	215	Michigan	6,991	Cherokees	2,885	War Department	
Georgia	2	Minnesota	7,065	North Dakota	7,952	Apaches, Mt.	
Idaho	3,909	Mississippi	1,404	Oklahoma	5,689	Vernon Barracks	384
Illinois	1	Missouri	14	Oregon	4,282	Indians in prison	184
Indiana	71	Montana	10.573	South Dakota	19,845		
Indi'n Ter'tory	8,708	Nebraska	3,864	Tennessee	10		
Five Civ. Tribes	66,289	Nevada	4.956	Texas	258	Total	249,273
Iowa	397	New Mexico	20,521				

INDIAN POPULATION IN DETAIL.

The total Indian population of the United States, exclusive of Alaska, but including 32,567 counted in the general census, being the taxed or taxable Indians, numbers 249,273. The following table gives the division of the Indians in detail:

Indians on reservations or at school, under control of the Indian office (not taxed or taxable)	133,382
Indians incidentally under the Indian office, and self-supporting: The five civilized tribes, Indians and colored—Cherokees, 29,599; Chickasaws, 7,182; Choctaws, 14,397; Creeks, 14,632; Seminoles, 2,561; total, 68,371. Total Indians, 52,065; total colored Indian citizens and claimants, 14,224; grand total	66,289
Pueblos of New Mexico	8,278
Six Nations, Saint Regis, and other Indians of New York	5,304
Eastern Cherokees of North Carolina	2,885
Indians taxed or taxable, and self-sustaining citizens, counted in the general census (98 per cent not on reservations)	32,567
Indians under control of the War Dep'ment, prisoners of war (Apaches at Mt. Vernon Bar'cks)	384
Indians in State or Territorial prisons	184
Total	249,273

The Public Lands of the United States.

(Prepared for THE WORLD ALMANAC by the General Land Office, November, 1899.)

THE following is a tabular statement showing land surface area and the number of acres of public lands surveyed in the following land States and Territories up to June 30, 1899; also the total area of the public domain remaining unsurveyed within the same, etc.

Land States and Territories.	Area, Land Surface. Acres.	Area, Land Surface. Square Miles.	Number of Acres of Public Land Surveyed Up to June 30, 1899.	Total Area of Public and Indian Lands Remaining Unsurveyed, Including the Area of Private Land Claims.
Alabama...	32,657,920	51,028	32,657,920	.....
Arkansas...	33,543,680	52 412	33,543,680	.....
California...	99,969,920	156,203	76,460,657	23,509,263
Colorado ...	66,348,160	103,669	61,660,377	4,687,783
Florida.....	35,072,640	54 801	30,832,684	4,239,956
Illinois	35,842,560	56,004	35,842,560	.....
Indiana	22,950,400	35,860	22,950,400	.....
Iowa.....	35,646,080	55,697	35,646,080	.....
Idaho.....	53,293,440	83,271	17,384,542	35,908,898
Kansas	52,382,720	81,848	52,382,720	.....
Louisiana ..	29,055,360	45,399	27,175,212	1,880,148
Michigan...	36,819,200	57,530	36,819,200	.....
Minnesota..	51,198,080	79,997	47,091,402	4,106,678
Mississippi .	29,685 120	46,383	29,685,120	.....
Missouri ...	43,795,840	68,431	43,795,840	.....
Montana ...	93,593,600	146,240	31,293,908	62,299,692
Nebraska...	49,137,280	76,777	49,087,797	49,483
Nevada....	70,336,640	109,901	36,308,749	34,027,891
N. Dakota..	44,910,080	70,172	35,027,972	9,882,108
Ohio	26,062,720	40,723	26,062,720	.....
Oregon	61,277,440	95,746	44,859,322	16,418,118
S. Dakota...	49,206,400	76,885	42,290,433	6,915,967
Wisconsin ..	35,274,880	55,117	35,274,880	.....
Washingt'n	42,746,880	66,792	26,562,996	16,183,884
Wyoming ..	62,433,280	97,552	53,181,256	9,252,024
Alaska.....	368,103,680	575,162	1,145	368,102,535
Arizona	72,92,320	113,738	17,398,913	55,293,407
Dist. of Col..	37,760	59	.....	.....
Indian Ter..	19,658,880	30,717	19,658,880	.....
N. Mexico..	78,428,800	122,545	50,875,576	27,553,224
Oklahoma..	24,774,400	38,710	24,774,400	.....
Utah.....	52,541,440	82,096	17,760,686	34,780,754
Total.....	2,270,557,440	3,547,746	1,094,248,027	*715,191,813

* This estimate is of a very general nature, and affords no index to the disposable volume of land remaining nor the amount available for agricultural purposes. It includes Indian and other public reservations, unsurveyed private land claims, as well as surveyed private land claims, in the districts of Arizona, California, Colorado, and New Mexico; the sixteenth and thirty-sixth sections reserved for common schools; unsurveyed lands embraced in railroad, swamp land, and other grants; the great mountain areas; the areas of unsurveyed rivers and lakes, and large areas wholly unproductive and unavailable for ordinary purposes.

PUBLIC LANDS VACANT AND SUBJECT TO ENTRY AND SETTLEMENT IN THE PUBLIC-LAND STATES AND TERRITORIES, JULY 1, 1899.

States and Territories.	Surveyed Land.	Unsurveyed Land.	Total Area.	States and Territories.	Surveyed Land.	Unsurveyed Land.	Total Area.
Alabama.....	428,883	....	428,883	Montana	18,535,425	50,538,066	69,073,491
Alaska.....	*	359,492,760	359,492,760	Nebraska	10,221,567	....	10,221,567
Arizona	10,887,865	41,337,596	52,225,461	Nevada	29,168,462	32,158,278	61,326,740
Arkansas	3,833,423	....	3,833,423	New Mexico.....	43,558,099	13,492,551	57,050,650
California	34,762,949	8,162,347	42,925,296	North Dakota.....	12,091,904	7,836,126	19,928,030
Colorado	35,647,881	4,538,110	40,185,991	Oklahoma	6,290,220	2,480	6,292,700
Florida.....	1,552,766	157,662	1,690,428	Oregon	24,145,544	11,182,794	35,328,338
Idaho	11,670,635	32,325,773	43,996,408	South Dakota.....	11,076,557	1,030,557	12,107,114
Kansas	1,059,664	.....	1,059,664	Utah	9,770,066	34,034,441	43,804,507
Louisiana	528,062	65,018	593,080	Washington	5,386,940	6,369,845	11,756,785
Michigan	473,013	....	473,013	Wisconsin	374,243	....	374,243
Minnesota	3,317,486	2,309,908	5,627,394	Wyoming	42,709,311	6,068,032	48,777,343
Mississippi ...	285,730	....	285,730				
Missouri	449,029	....	449,029	Grand total, acres.	318,205,724	611,102,344	†929,308,068

* The unreserved lands in Alaska are mostly unsurveyed and unappropriated.

† This aggregate is exclusive of Ohio, Indiana, Illinois, and Iowa, in which, if any public land remains, it consists of a few small isolated tracts. It is also exclusive of military and Indian reservations, reservoir sites, and timber reservations, and tracts covered by selections, filings, railroad grants, and claims as yet unadjudicated, a part of which may in the future be added to the public domain.

The receipts of the General Land Office in the fiscal year ended June 30, 1899, were: From disposal of public land, $2,594,690; disposal of Indian land, $442,914; depredations on public land, $15,050; sales of timber (act March 3, 1891), $3,065; sales of timber (act June 4, 1897), $1,499; sales of Government property, $1,972; for furnishing of records and plats, $10,947; from fees and commissions, $890,702. Total cash receipts, $3,070,137.

Railroads during the fiscal year selected 754,002.37 acres, and State selections were 1,354,185.62 acres.

PUBLIC LANDS OF THE UNITED STATES—*Continued.*

STATEMENT OF NUMBER OF ACRES ENTERED ANNUALLY UNDER THE HOMESTEAD AND TIMBER CULTURE ACTS, FROM JULY 1, 1866, TO JUNE 30, 1899, INCLUSIVE.

Year Ending June 30.	Homestead Entries.	Timber Culture.	Year Ending June 30.	Homestead Entries.	Timber Culture.	Year Ending June 30.	Homestead Entries.	Timber Culture.
1867	1,834,513	.....	1878	4,496,855	1,902,038	1889	6,029,230	2,551,069
1868	2,332,151	.....	1879	5,267,885	2,775,503	1890	5,531,678	1,787,403
1869	2,698,482	.....	1880	6,054,708	2,169,484	1891	5,940,393	969,006
1870	3,754,203	.....	1881	5,028,101	1,763,799	1892	7,716,062	41,375
1871	4,657,355	.....	1882	6,348,045	2,546,686	1893	6,808,791	10,989
1872	4,595,435	.....	1883	8,171,914	3,110,930	1894	8,046,968	4,209
1873	3,760,200	50,246	1884	7,831,510	4,084,464	1895	5,009,491	3,589
1874	3,489,570	851,226	1885	7,415,886	4,755,006	1896	4,830,915	1,226
1875	2,369,782	473,694	1886	9,145,136	5,391,309	1897	4,452,289	646
1876	2,867,814	599,918	1887	7,594,350	4,224,397	1898	6,206,557	160
1877	2,176,257	524,552	1888	6,670,616	3,735,365	1899	6,177,587	80

Lands patented by the United States up to June 30, 1897: To States for wagon roads, 1,987,027.58 acres; to States for canal purposes, 4,433,073.06 acres; to States and corporations for railroad purposes, 87,915,326.79 acres; under river improvement grants, 1,406,210.80 acres; total, 95,741,638.23 acres.

UNITED STATES LAND OFFICES.

State or Territory.	Land Office.	State or Territory.	Land Office.	State or Territory.	Land Office.
Alabama	Huntsville.	Iowa.	Des Moines.	No. Dakota...	Minot.
"	Montgomery.	Kansas	Colby.	Oklahoma...	Alva.
Alaska	Sitka.	"	Dodge City.	" ...	Enid.
"	Circle City.	"	Topeka.	" ...	Guthrie.
"	Peavey.	"	Wakeeney.	" ...	Kingfisher.
"	Rampart City.	Louisiana ...	Natchitoches.	" ...	Mangum.
Arizona	Prescott.	" ...	New Orleans.	" ...	Oklahoma.
"	Tucson.	Michigan...	Marquette.	" ...	Perry.
Arkansas....	Camden.	Minnesota...	Cookston.	" ...	Woodward.
" ...	Dardanelle.	" ...	Duluth.	Oregon	Lagrande.
" ...	Harrison.	" ...	Marshall.	"	Lakeview.
"	Little Rock.	" ...	St. Cloud.	"	Oregon City.
California ...	Eureka.	Mississippi ..	Jackson.	"	Burns.
" ...	Independence.	Missouri.....	Boonville.	"	Roseburgh.
" ...	Los Angeles.	"	Ironton.	"	The Dalles.
" ...	Marysville.	"	Springfield.	So. Dakota..	Aberdeen.
" ...	Redding.	Montana	Bozeman.	" ..	Chamberlain.
" ...	Sacramento.	"	Helena.	" ..	Huron.
" ...	San Francisco.	"	Kalispell.	" ..	Mitchell.
" ...	Stockton.	"	Lewistown.	" ..	Pierre.
" ...	Susanville.	"	Miles City.	" ..	Rapid City.
" ...	Visalia.	"	Missoula.	" ..	Watertown.
Colorado	Akron.	Nebraska....	Alliance.	Utah.....	Salt Lake City.
"	Del Norte.	"	Brokenbow.	Washington.	North Yakima.
"	Denver.	"	Lincoln.	" .	Olympia.
" ...	Durango.	"	McCook.	" .	Seattle.
" .. .	Glenwood Springs.	"	North Platte.	" .	Spokane.
"	Gunnison.	"	O'Neill.	" .	Vancouver.
"	Hugo.	"	Sidney.	" .	Walla Walla.
"	Lamar.	"	Valentine.	" .	Waterville.
"	Leadville.	Nevada.....	Carson City.	Wisconsin...	Ashland.
"	Montrose.	New Mexico.	Clayton.	" ...	Eau Claire.
"	Pueblo.	" .	Las Cruces.	" ...	Wausau.
"	Sterling.	" .	Roswell.	Wyoming ...	Buffalo.
Florida	Gainesville.	" .	Santa Fé.	" ...	Cheyenne.
Idaho.....	Blackfoot.	No. Dakota..	Bismarck.	" ...	Douglas.
"	Boise.	" ..	Devil's Lake.	" ...	Evanston.
"	Cœur d'Alene.	" ..	Fargo.	" ...	Lander.
"	Hailey.	" ..	Grand Forks.	" ...	Sundance.
"	Lewiston.				

The Yellowstone National Park.

THE reservation known as the Yellowstone National Park, set apart for public uses by an act of Congress passed in 1872, covers a tract of about sixty-five miles in length, from north to south, and about fifty-five miles in width, from east to west, lying chiefly in Northwestern Wyoming, and overlapping, to a small extent, the boundaries of Montana, on the north, and Idaho, on the west. This gives an area of 3,312 square miles, a tract that is nearly the area of the States of Rhode Island and Delaware combined, and nearly half as large as the State of Massachusetts. The Rocky Mountain chain crosses the southwestern portion in an irregular line, leaving by far the greater expanse on the eastern side. The least elevation of any of the narrow valleys is 6,000 feet, and some of them are from 1,000 to 2,000 feet higher. The mountain ranges which hem in these valleys are from 10,000 to upward of 11,000 feet in height, Electric Peak (in the northwest corner of the park, not far back of Mammoth Hot Springs) having an elevation of 11,155 feet, and Mount Langford and Turret Mountain (both in the Yellowstone Range) reaching the height of 11,155 and 11,142 feet respectively.

United States Pension Statistics.

NUMBER OF PENSIONERS ON THE ROLL JUNE 30, 1899.

Location of Agency.	General Law.					Act of June 27, 1890.				Number of pensioners on the roll June 30, 1899.	Number of pensioners on the roll June 30, 1898.
	Army.			Navy.		Army.		Navy.			
	Invalids.	Nurses.	Widows, etc.	Invalids.	Widows, etc.	Invalids.	Widows, etc.	Invalids.	Widows, etc.		
Topeka	29,672	68	6,261	....	....	57,125	13,393	....	....	109,096	108.532
Columbus	37,469	53	10.977	....	....	45,422	11,604	....	....	106,355	106,450
Chicago	26,615	66	7,431	1,013	328	26,087	8,138	3,478	871	75,585	76,067
Indianap'lis	35,971	24	8,034	....	....	18.661	5,883	....	.....	69,496	69,712
Philadelp'ia	13,376	39	5,883	683	353	27.980	11.813	1,917	1,066	63,716	63,442
Des Moines	22,993	58	4,063	....	.....	25,113	5,011	....	....	57,941	57.915
Knoxville	9,313	33	3,784	....	....	25,430	8,459	....	....	57,552	58,087
Washington	14,862	83	4,212	939	562	23,447	6,645	2,954	1,009	56,266	56,128
Boston	14,071	53	6,529	1,187	588	18,539	9,735	3,134	1,445	55.667	55,655
New York	11.635	32	5,3.1	682	422	18,234	11,395	2,606	1,583	52,585	53,971
Milwaukee	20,471	29	4.350	....	....	21,773	4,721	....	....	51,763	51,881
Pittsburgh	12,936	6	4,106	....	....	25,127	7.070	....	....	49,510	49,394
Buffalo	17,652	20	6,004	....	....	17,417	5,545	....	....	46,971	47,079
Detroit	18,480	14	4,166	....	....	17,563	4,028	....	....	44,567	45,113
Louisville	8.171	9	3,078	....	....	12.321	4,463	....	....	29,017	29,103
San Fran	5,053	56	966	217	40	14,225	2,[illegible]29	836	165	26,67[illegible]	25,719
Augusta	9,148	6	2,643	....	....	6,120	1,617	....	....	19,727	20,070
Concord	8,946	4	2,770	....	....	5,403	1,778	....	....	19,027	19,396
Total	316,834	653	90,608	4,721	2,293	405,987	124,127	14,925	6,139	991,519	993,714
Inc. during year	....	....	....	....	....	6.621	4,342	382	195	....	....
Dec. during year	10,246	2	1,949	112	7	....	....	....	....	2,195	....

Pensioners of the war of 1812—Survivor, 1; widows, 1,998. Pensioners of the war with Mexico—Survivors, 9,204; widows, 8,175. Indian wars—Survivors, 1,656; widows, 3,899. War with Spain—Invalids, 123; widows, 177.

NUMBER OF PENSION CLAIMS, PENSIONERS, AND DISBURSEMENTS, 1861-99.

Fisc'l Year Ending June 30.	Army and Navy. Claims Allowed.		Total Number of Applications Filed.	Total Number of Claims Allowed.	Number of Pensioners on the Roll.			Disbursements.
	Invalids.	Widows, etc.			Invalids.	Widows, etc.	Total.	
1861	.....	.....	.....	.....	4,337	4,299	8,636	$1,072,461.55
1862	413	49	2,487	462	4,341	3,818	8,159	790.384.76
1863	4,121	3,763	49,332	7,884	7.821	6,970	14,791	1,025.139.91
1864	17.041	22,446	53,599	39,487	23,479	27,656	51,135	4,504.616.92
1865	15,212	24.959	72,684	40.171	35,880	50,106	85.986	8,525,153.11
1866	22.883	27.294	65,256	50,177	55.652	71,070	126,722	13,459,996.43
1867	16.589	19.893	36,753	36.482	69.565	83.618	153.183	18,619,956.46
1868	9.460	19.461	20,768	28.921	75.957	93.686	169.643	24.010 981.99
1869	7,292	15.904	26,066	23,196	82,859	105.104	187,963	28,422 884.08
1870	5,721	12,500	24,851	18,221	87.521	111.165	198,686	27.780 811.81
1871	7,934	8,399	43,969	16,562	93.394	114,101	207,495	33,077 383.63
1872	6,468	7,244	26,391	34,333	113.954	118,275	232,299	30,169,341.00
1873	6,551	4,073	18,303	16,052	119,500	118,911	238,411	29,185,289.62
1874	5,937	3,152	16,734	10,462	121,628	114,613	236,241	30,593,749.56
1875	5,760	4,736	18,704	11,152	122,989	111,832	234,821	29,683,116.63
1876	5,360	4,376	23,523	9,977	124,239	107,898	232,137	28,351.599.69
1877	7,282	3,861	22,715	11,326	128,723	103,381	232,104	28,580.157.04
1878	7,414	3,550	44,587	11,962	131,649	92,349	223,998	26,844.415.18
1879	7,242	3,379	57,118	31,346	138,615	104,140	242,755	33,780,526.19
1880	10,176	4,455	141,466	19,545	145,410	105,392	250,802	57,240,540.14
1881	21,394	3,920	31,116	27,394	164,110	104 720	268,830	50,626.538.51
1882	22,946	3,999	40,939	27,664	182,633	103 064	285,697	54,296,280.54
1883	32,014	5,303	48,776	38,162	206,042	97,616	303,658	60,431.972.85
1884	27,414	6,366	41,785	34,192	225,470	97,286	323,756	57,273,536.74
1885	27,580	7,743	40,918	35,767	247,146	97,979	345,125	65,693,706.72
1886	31,937	8,610	49,895	40,857	270,346	95,437	365,783	64,584,270.45
1887	35 283	11,217	72,465	55,194	306,298	99,709	406,007	74,815,486.85
1888	35,843	10,816	75,726	60,252	343,701	108,856	452,557	79,646,146.37
1889	36 830	11,924	81,220	51,921	373,699	116,026	489,725	89,131,968.44
1890	50,395	14,612	105,044	66,637	415,654	122,290	537,944	106,493,890.19
1891	41,381	11,914	363,799	156,486	536,821	139,339	676,160	118,548,959.71
1892	17,876	7,287	198,345	224,047	703,242	172,826	876,068	141,086,948.84
1893	10,232	7,295	119,361	121,630	759,706	206,306	966,012	158,155,342.51
1894	6,129	4,225	40,148	39,085	754,382	215,162	969,544	140,772,163.78
1895	5,415	3,627	37,060	39,185	750,951	219,567	970,524	140,959,361.00
1896	3,864	3,912	33,749	40,374	747,967	222,557	970,678	139,280,075.00
1897	3,726	4,612	39,847	50,101	746,829	229,185	976,014	140,845,772.00
1898	3,741	4,339	37,524	52,648	760,853	232,861	993,714	145,748,865.56
1899	1,975	3,460	48,765	37,077	753,451	238,068	991,519	139,482,696.00
Total	584,831	328,721	2,271,705	1,616,391	.....	.....	.....	$2,423,592,488.00

American and Foreign Shipping.

UNITED STATES VESSELS, 1899.

Class.	Engaged in Foreign Trade.		Engaged in Coastwise Trade.	
	Number.	Tonnage.	Number.	Tonnage.
Steamers	357	355,913	6,470	2,115,981
Sailing Vessels, Canal-Boats, Barges	927	481,316	13,510	1,849,332
Total	1,284	837,229	19,980	3,965,313

The entire number of documented vessels is 22,728, of which 6,837 were steamers and 15,891 were vessels other than steamers, all aggregating 4,864,238 tons.

The estimated value of the whole amount of floating property under the flag, according to the last census, was $215,069,296. The statistics of the above table are for the fiscal year ending June 30, 1899.

SHIPBUILDING IN THE UNITED STATES.

The following table shows the class, number, and tonnage of the documented vessels built in this country during the last four years reported:

Class.	1896.		1897.		1898.		1899.	
	Number.	Tons.	Number.	Tons.	Number.	Tons.	Number.	Tons.
Sailing Vessels	369	65,237	338	64,309	359	34,416	420	98,073
Steam Vessels	286	138,028	288	106,153	394	105,838	439	151,058
Canal-Boats	13	1,495	70	10,216	20	2,386	13	1,411
Barges	55	22,337	195	11,528	179	37,818	401	49,496
Total	723	227,097	891	232,233	952	180,458	1,273	300,038

IRON AND STEEL TONNAGE BUILT IN THE UNITED STATES, 1870-1899.

Years.	Sailing Vessels and Barges.	Steam Vessels.	Total.	Years.	Sailing Vessels and Barges.	Steam Vessels.	Total.
1870	679	7,602	8,281	1885	731	43,297	44,028
1871	.....	15,480	15,480	1886	692	14,215	14,907
1872	.....	12,766	12,766	1887	92	34,261	34,353
1873	.....	26,547	26,547	1888	746	35,972	36,718
1874	.....	33,096	33,096	1889	33	53,479	53,512
1875	.....	21,631	21,631	1890	4,975	75,402	80,377
1876	.....	21,346	21,346	1891	6,309	99,309	105,618
1877	.....	5,927	5,927	1892	5,282	46,092	51,374
1878	.....	26,960	26,960	1893	13,104	81,428	94,532
1879	.....	22,007	22,007	1894	4,649	46,821	51,470
1880	44	25,538	25,582	1895	5,975	42,619	48,594
1881	36	28,319	28,355	1896	16,832	96,388	113,220
1882	.....	40,096	40,096	1897	46,158	78,236	124,394
1883	2,033	37,613	39,646	1898	13,765	48,501	62,266
1884	4,432	31,200	35,632	1899	28,361	103,018	131,379

COMPARATIVE GROWTH OF THE TONNAGE OF THE MERCHANT NAVIES OF THE UNITED STATES AND OF THE PRINCIPAL MARITIME COUNTRIES OF EUROPE FROM 1850 TO 1898.

Countries.	1850.	1860.	1870.	1880.	1890.	1894.	1895.	1896.	1897.	1898.
American	3,485,266	5,299,175	4,194,740	4,068,034	4,424,497	4,684,029	4,635,960	4,703,880	4,769,020	4,749,738
British	4,232,962	5,710,968	7,149,134	8,447,171	11,597,106	13,192,566	13,424,146	13,563,597	13,641,116	13,988,508
French	688,153	996,124	1,072,048	919,298	1,045,102	1,128,369	1,154,783	1,148,970	1,248,739	1,242,091
Norwegian	298,315	558,927	1,022,515	1,518,655	1,584,355	1,703,920	1,713,611	1,705,722	1,679,882	1,694,230
Swedish	.....	.....	346,862	542,642	475,964	505,669	515,010	552,888	560,841	605,991
Danish	.....	.....	178,646	249,466	280,065	362,358	366,585	388,540	431,153	511,958
German	.....	.....	982,355	1,182,097	1,569,311	1,841,014	1,865,490	1,930,460	2,006,950	2,453,334
Dutch	292,576	433,922	389,614	328,281	378,784	467,872	469,695	497,451	465,736	455,609
Belgian	34,919	33,111	30,149	75,666	110,571	.....	116,331	132,464	134,891	151,842
Italian	.....	.....	1,012,164	999,196	816,567	835,274	838,101	821,953	822,876	875,851
Austro-Hungarian	.....	.....	329,377	290,971	269,648	302,656	306,119	295,805	324,832	380,414
Greek	....	263,075	404,063	.....	307,640	373,523	381,180	385,935	397,896	233,643

The above tables have been compiled from the report of the Commissioner of Navigation of the United States. The same authority gives the tonnage of the merchant navy of the United States in 1899 as 4,864,238.

Per Capita Financial Statistics of the United States.

FROM 1869 TO 1899, INCLUSIVE.

(Compiled by the Bureau of Statistics, Treasury Department.)

Years.	Estimated Population June 1.	Debt, less cash in Treasury.	Interest paid.	Net ordinary receipts.	Net ordinary expenditures.	Disbursement for pensions.	Coinage, per Capita of	
							Gold.	Silver.
1869	37,756,000	$64.43	$3.32	$9.82	$8.55	$0.78	$0.47	$0.03
1870	38,558 371	60.46	3.08	10.67	8.03	.72	.60	.04
1871	39 555.000	56.81	2.83	9.69	7.39	.84	.53	.08
1872	40 596 000	52.96	2.56	9.22	6.84	.74	.54	.06
1873	41 677,000	50.52	2.35	8.01	6.97	.70	1.37	.15
1874	42,796,000	49.17	2.31	7.13	7.07	.71	.82	.10
1875	43,951,000	47.55	2.20	6.55	6.25	.68	.75	.36
1876	45 137,000	45.66	2.11	6.52	5.87	.63	1.03	.51
1877	46.353 000	43.56	2.01	6.07	5.21	.62	.95	.64
1878	47,598,000	42.01	1.99	5.41	4.98	.56	1.05	.60
1879	48.866,000	40.86	1.71	5.60	5.46	.69	.80	.56
1880	50,155,783	38.27	1.59	6.65	5.34	1.14	1.24	.55
1881	51,316,000	35.46	1.46	7.01	5.07	.98	1.89	.54
1882	52,495,000	31.91	1.09	7.64	4.89	1.03	1.26	.53
1883	53.693.000	28.66	.96	7.37	4.90	1.13	.54	.54
1884	54,911,000	26.20	.87	6.27	4.39	1.04	.44	.52
1885	56,148,000	24.50	.84	5.77	4.64	1.17	.49	.51
1886	57,404,000	22.34	.79	5.76	4.15	1.13	.50	.56
1887	58.680.000	20.03	.71	6.20	4.47	1.27	.41	.60
1888	59.974.000	17.72	.65	6.32	4.33	1.33	.52	.57
1889	61,289,000	15.92	.53	6.01	7.88	1.45	.35	.58
1890	62,622,250	14.22	.47	6.44	4.75	1.71	.33	.63
1801	63.975,000	13.32	.37	6.14	5.55	1.85	.46	.43
1892	65,403,000	12.86	.35	5.43	5.28	2.16	.53	.19
1893	66,826,000	12.55	.34	5.77	6.87	2.37	.85	.13
1894	68,275,000	13.17	.37	4.36	6.48	2.07	1.17	.13
1895	69,753,000	12.93	.44	4.49	5.11	2.03	.85	.08
1896	71,263,000	13.41	.48	4.59	4.94	1.96	.65	.33
1897	72,807,000	13.55	.47	4.78	5.02	1.94	1.02	.25
1898	74,389,000	13.81	.46	5.45	5.96	1.98	1.05	.31
1899	76,011,000	15.20	.53	6.78	7.97	1.83	.....	....

Years	Internal Revenue.		Amount of money in the United States.	Money in circulation.	Coin value of paper money July 1.	Commercial ratio of silver to gold.	Customs Revenue.			
							Duty collected per capita.	Average ad valorem rate of duty.		Expenses of collecting customs revenue.
	Collected.	Expenses of collecting.						On dutiable.	On free and dutiable.	
		Per ct.			Cents.	Ratio.		Per ct.	Per ct.	Per ct.
1869	$4.19	4.59	$18.95	$17.60	73.5	15.60	$4.68	47.22	44.65	2.99
1870	4.79	3.92	18.73	17.50	85.6	15.57	4.96	47.08	42.23	3.20
1871	3.62	5.30	18.75	18.10	89.0	15.57	5.12	43.95	38.94	3.18
1872	3.22	4.36	18.79	18.19	87.5	15.63	5.23	41.35	37.00	3.21
1873	2.75	4.69	18.58	18.04	86.4	15.92	4.44	38.07	26.95	3.76
1874	2.39	4.40	18.83	18.13	91.0	16.13	3.75	38.53	26.88	4.49
1875	3.52	3.89	18.16	17.16	87.2	16.59	3.51	40.62	28.20	4.47
1876	2.59	3.38	17.53	16.12	89.5	17.88	3.22	44 74	39.19	4.53
1877	2.56	2.99	16.46	15.58	94.7	17.22	2.77	42.89	26.68	4.96
1878	2.32	2.96	16.62	15.32	99.4	17.94	2.67	42.75	27.13	4.48
1879	2.32	3.10	21.52	16.75	100	18.40	2.73	44.87	28.97	3.99
1880	2.47	2.95	24.04	19.41	100	18.05	3.64	43.48	29.07	3.23
1881	2.64	3.20	27.41	21.71	100	18.16	3.78	43.20	29.75	3.22
1882	2.79	2.80	28.20	22.37	100	18.19	4.12	42.66	30.11	2.95
1883	2.69	3.06	30.61	22.91	100	18.64	3.92	42.45	29.92	3.07
1884	2.21	3.47	31.06	22.65	100	18.57	3.47	41.61	28.44	3.44
1885	2.00	3.42	32.37	23.02	100	19.41	3.17	45.86	30.59	3.58
1886	2.03	3.06	31.51	21.82	100	20.78	3.30	45.55	30.13	3.33
1887	2.02	3.22	32.39	22.45	100	21.13	3.65	47.10	31.02	3.16
1888	2.07	2.92	34.40	22.88	100	21.99	3.60	45.63	29.99	3.27
1889	2.13	2.88	33.86	22.52	100	22.09	3.60	45.13	29.50	3.14
1890	2.28	2.65	34.24	22.82	100	19.76	3.62	44.41	29.12	2.99
1891	2.28	2.75	34.31	23.41	100	20.92	3.38	46.28	25.25	3.17
1892	2.35	2.52	36.21	24.44	100	23.72	2.66	48.71	21.26	3.75
1893	2.41	2.57	34.70	23.85	100	26.49	2.97	49.58	23.49	3.32
1894	2.15	2.55	35.39	24.28	100	32.56	1.90	50.06	20.25	5 15
1895	2.06	2.62	34.33	22.93	100	31.60	2.14	41.75	20.23	4.43
1896	2.06	2.62	32.86	21.10	100	30.66	2.20	40.18	20.67	4.52
1897	2.02	2.46	34.25	22.49	100	34.28	2.37	42.41	21.89	4.01
1898	2.30	2.17	35.39	24.71	100	35.03	1.96	40.20	24.77	4.78
1899	3.60	1.59	36.12	25.00	100	.....	2.66	50.21	29.48	3.57

Per Capita Commercial Statistics of the United States.

FROM 1869 TO 1899, INCLUSIVE.

(Compiled by the Bureau of Statistics, Treasury Department.)

Years.	Merchandise Imported for Consumption, per capita.	Domestic Merchandise. Exports, per capita.	Domestic Merchandise. Exports of Agricultural Products (per cent of total exports).	Imports and Exports of Merchandise Carried in American Vessels.	Consumption of Wool. Total, per capita.	Consumption of Wool. Per Cent Foreign.	Per Cent of Domestic Production Exported. Cotton.	Wheat.	Corn.	Mineral Oil.
				Per cent.	Pounds.					
1869	$10.45	$7.29	75.35	33.18	5.78	17.8	57.01	13.27	.91	60.01
1870	11.06	9.77	78.40	35.59	5.43	22.7	65.98	20.72	.24	61.37
1871	12.65	10.83	70.74	31.87	5.73	29.4	72.39	22.30	.98	69.62
1872	13.80	10.55	74.13	29.15	6.75	45.3	67.44	16.88	3.60	54.60
1873	15.91	12.12	76.10	26.37	5.67	33.2	65.47	20.80	3.67	57.85
1874	13.26	13.31	79.37	27.17	4.81	17.5	70.03	32.54	3.86	51.23
1875	11.97	11.36	76.95	26.21	5.28	23.1	70.69	23.60	3.53	46.50
1876	10.29	11.64	71.67	27.67	5.21	18.3	70.75	25.58	3.86	68.69
1877	9.49	12.72	72.63	26.91	5.16	16.3	68.97	19.73	5.66	64.54
1878	9.21	14.39	77.07	26.31	5.28	16.9	71.23	25.29	6.49	54.02
1879	8.99	14.29	78.12	22.99	5.03	14.2	67.74	35.82	6.33	50.42
1880	12.51	16.43	83.25	17.43	6.11	34.9	65.73	40.18	6.43	31.41
1881	12.68	17.23	82.63	16.49	5.66	17.3	68.47	37.38	5.46	44.29
1882	13.64	13.97	75.31	15.77	6.36	19	67.23	31.82	3.71	39.21
1883	13.05	14.98	77	16.04	6.62	18.7	67.20	29.33	2.58	54.13
1884	12.16	13.20	73.98	17.16	6.85	20.6	67.56	26.49	2.99	53.55
1885	10.32	12.94	72.96	15.29	6.69	18	68.96	25.86	2.95	61.11
1886	10.89	11.60	72.82	15.52	7.39	28.9	64.68	26.48	3.35	50.21
1887	11.65	11.98	74.40	14.30	6.68	27.4	68.71	33.66	2.48	50.67
1888	11.88	11.40	73.23	13.98	6.31	28.9	65.83	26.23	1.74	49.37
1889	12.10	11.92	72.87	14.34	6.33	31.8	69.33	21.31	3.57	46.09
1890	12.35	13.50	74.51	12.87	6.03	27	68.15	22.31	4.85	36.06
1891	13.36	13.63	73.69	12.46	6.43	30.8	67.36	26.60	2.15	29.73
1892	12.44	15.53	78.69	12.34	6.72	33.1	65.13	36.88	3.72	37.35
1893	12.64	12.44	74.05	12.20	7.05	35.7	65.99	37.20	2.89	45.10
1894	9.32	12.73	72.28	13.30	5.08	14.2	71.20	41.47	4.11	53.26
1895	10.48	11.37	69.73	11.70	6.32	46.1	69.83	31.46	2.36	50.76
1896	10.66	12.11	66.02	12.00	6.88	45.9	65.00	27.07	4.70	47.44
1897	10.84	14.17	66.23	11.00	8.26	57.8	70.59	33.93	7.83	44.78
1898	7.89	16.27	70.54	9.30	5.34	48.9	67.82	40.91	11.14	47.17
1899	9.02	15.84	65.20	8.90	4.40	32.8	65.37	32.97	9.21	45.73

Years.	Consumption per capita of— Raw Cotton	Wheat	Corn.	Sugar.	Coffee.	Tea.	Distilled Spirits	Malt Liq'rs.	Wines.	Tonnage of Vessels. Per cent annual increase or decrease (+ or −).
	Lbs.	Bush.	Bush.	Lbs.	Lbs.	Lbs.	Proof galls.	Galls.	Galls.	
1869	12.88	5.21	23.79	35	6.45	1.08	1.69	5.21	....	+4.76
1870	12.82	5.41	22.62	33	6	1.10	2.07	5.31	.32	+2.41
1871	14.10	4.69	27.40	36.2	7.91	1.14	1.62	6.10	.40	+.85
1872	11.10	4.79	21.09	40.4	7.28	1.46	1.68	6.66	.41	+3.62
1873	15.19	4.81	22.86	39.8	6.87	1.53	1.63	7.21	.45	+5.82
1874	13.60	4.46	20.95	41.5	6.59	1.27	1.51	7	.48	+2.23
1875	11.90	5.38	18.66	43.6	7.08	1.44	1.50	6.71	.45	+1.10
1876	14.77	4.89	28.14	35.2	7.33	1.35	1.33	6.83	.45	−11.83
1877	14.03	5.01	26.13	38.9	6.94	1.23	1.28	6.58	.47	−.96
1878	13.71	5.72	26.37	34.3	6.24	1.33	1.09	6.68	.47	−.70
1879	15.90	5.58	26.61	40.7	7.42	1.21	1.11	7.05	.50	−1.02
1880	18.94	5.35	28.88	42.9	8.78	1.39	1.27	8.26	.56	−2.43
1881	19.64	6.09	31.64	44.2	8.25	1.54	1.38	8.65	.47	−.25
1882	16.15	4.98	21.92	48.4	8.30	1.47	1.40	10.03	.49	+2.66
1883	20.80	6.64	29.24	51.1	8.91	1.30	1.46	10.27	.48	+1.67
1884	16.30	5.64	27.40	53.4	9.26	1.09	1.48	10.74	.37	+.84
1885	15.16	6.77	31.04	51.8	9.60	1.18	1.26	10.62	.39	−.12
1886	19.59	4.57	32.60	56.9	9.36	1.37	1.26	11.20	.45	−3.16
1887	16.84	5.17	27.68	52.7	8.53	1.49	1.21	11.23	.55	−.61
1888	19.59	5.62	23.86	56.7	6.81	1.40	1.26	12.80	.61	+2.10
1889	17.22	5.34	31.28	51.8	9.16	1.29	1.32	12.72	.56	+2.75
1890	18.50	6.09	32.09	52.8	7.83	1.33	1.40	13.67	.46	+2.71
1891	22.02	4.58	22.79	66.1	7.99	1.29	1.42	15.28	.45	+5.88
1892	24.03	5.91	30.33	63.5	9.63	1.37	1.50	15.10	.44	+1.71
1893	17.07	4.85	23.66	63.4	8.25	1.32	1.51	16.08	.48	+.79
1894	15.91	3.41	22.76	66	8.01	1.34	1.33	15.18	.31	−2.90
1895	22.48	4.54	16.98	62.6	9.22	1.38	1.12	14.95	.28	−1.03
1896	18.40	4.78	30.19	61.6	8.04	1.31	1.00	15.16	.26	+1.47
1897	18.46	3.88	28.91	64.5	9.95	1.55	1.01	14.69	.53	+1.38
1898	25.26	4.21	22.73	61.1	11.45	.91	1.10	15.04	.28	−.40
1899	27.06	5.95	22.98	....	10.55	.96	1.15	14.96	....	+2.41

United States Post-Office Statistics.

Fiscal Years.	No. of Post-Offices.	Extent of Post Routes in Miles.	Revenue of the Department.	Expenditure of the Department.	Amount Paid for	
					Salaries of Postmasters.	Transportation of the Mail.
1865	20,550	142,340	$14,556,159	$13,694 728	$3,383,382	$6,246,884
1870	28,492	231,232	19,772 221	23 998,837	4 673,466	10 884 653
1875	35,547	277 873	26,791,560	33,611 309	7,049 936	18,777 201
1876	36,383	281,798	27,895,908	33,263,488	7 397 397	18,361,048
1877	37 345	292,820	27,468 323	33 486 322	7 295,251	18 529,238
1878	39,258	301,966	29,277 517	34 165,084	7,977 852	19 262 421
1879	40,855	316,711	30,041,983	33,449,899	7,185 540	20 012,872
1880	42,989	343 888	33,315,479	36 542,804	7,701,418	22 255,984
1881	44,512	344,006	36 785,398	39,251 736	8,298,743	23 196 032
1882	46,231	343,618	41,876,410	40,039,635	8,964,677	22,846,112
1883	47,863	353 166	45,508,693	42,816 700	10,319 441	23 067 323
1884	50,017	359,530	43,338,127	46,404,960	11,283,831	25 359 816
1885	51,252	365,251	42,560,844	49,533,150	11,431,305	27,765 124
1886	53,614	366,667	43,948,423	50,839,435	11 348,178	27,553 239
1887	55,157	373,142	48,837 610	52,391,678	11 929,481	28,135,769
1888	57,281	*403,977	52,695,176	55,795,358	12,600,186	29,151 168
1889	58,999	*416,159	56,175,611	61 376,847	13,171,382	31 893,359
1890	62,401	427,991	60,882,097	65 930,717	*13,753,096	33,885,978
1891	64,329	439,027	65,931,786	71,662,463	14,527,000	36 805,621
1892	67,119	447,591	70,930,475	76 323,762	15,249,565	38 837 236
1893	68,403	453,832	75,896,933	81,074,104	15,862 621	41,179,054
1894	69,805	454,746	75,080,479	84,324,414	15,899,709	45,375,359
1895	70,064	456 0.6	76,983,128	86,790,172	16,079,508	46,336,326
1896	70,360	463,313	82,499,208	90 626,296	16,576,674	47,993,067
1897	71,022	470,032	82,665,462	94,077 242	16,917,621	49,862,074
1898	73 570	480,462	89 012,618	98,033 523	17,460,621	51 780,283
1899	75,000	496,948	95,021,384	101,632,160	18,223,506	53,331,557

* Includes mail messenger and special office service. Of the whole number of post-offices at the close of the fiscal year, June 30, 1899, 3.993 were Presidential offices and 71,007 were fourth-class offices.

The number of pieces of postal matter of all kinds which pass through the mails of the United States annually is abou. 6,576,310,000. The annual aggregate number of letters transmitted through the post-offices of the world may be estimated at 8,000,000,000, and of newspapers, 5,000,000,000.

Building and Loan Associations.

(Statistics compiled by the United States Commissioner of Labor.)

General Results for the United States.*

	Local.	National.	Total.
Number of associations	5 598	240	5 838
Number of shareholders, male	*a* 710,156	*a* 209,458	*a* 919,614
Number of shareholders, female	*a* 263,388	*a* 44,440	*a* 307,828
Number of shareholders, total	*b* 1,359,366	*b* 386,359	*b* 1,745,725
Average number of shareholders per association	*b* 244.5	*b* 1,637.1	*b* 301.2
Number of shareholders who are borrowers	*c* 402,212	*c* 53,199	*c* 455,411
Percentage of shareholders who are borrowers	*c* 29.83	*c* 13.77	*c* 26.25
Number of shares	*d* 10,381,031	*d* 2,874,841	*d* 13 255 872
Total net assets	$413 647,228	$37,020,366	$450 667,594
Average shares per shareholder	*e* 7.6	*e* 7.2	*e* 7.5
Average net assets per shareholder	*e* $303.11	*e* $86.73	*e* $257.26
Average value of shares	*e* $39.75	*e* $12.12	*e* $34 18
Total profits	$74,402 969	$6 261,147	$80,664,116
Average size of loans	*f* $1 133	*f* $920	*f* $1,120
Homes acquired	*g* 290,803	*g* 23,952	*g* 314,755

* These statistics are for 1893, being the latest general statement for the whole country that has been compiled. For a partial statement for 1895-96 see The World Almanac for 1899 page 169.

a Associations not reporting, local 1,503, national 66, total 1,569. *b* Associations not reporting local 38, national 4, total 42. *c* Associations not reporting, local 69, national 4, total 73. *d* Associations not reporting, local 18, national 4, total 22. *e* Based on 5,535 local associations, 226 national associations, total 5,761. *f* Based on 2,128 local associations, 45 national associations, total 2 173. *g* Associations not reporting, local 1,326, national 68, total 1,394.

One of the most interesting facts shown by the report relates to the age of the associations. While building and loan associations had their birth in the decade of years from 1840 to 1850 with perhaps here and there one prior to the first date named, the report shows that the average age of all the associations is but 6.2 years, the local associations having an average age of 6.3 years, and the nationals an average of only 2.5. Of the locals 2,394 are under 5 years of age, 2,163 are 5 years or under 10 years of age, and 589 are 10 years or under 15 years of age, making a total of 5,146 associations out of the whole number under 15 years of age. There are but 433 over 15 years of age. These figures certainly show that the building and loan associations of the country are entirely modern institutions and have reached their great proportions during the last ten or fifteen years. This, in connection with the fact that they have net assets of over $450,000,000 have made total profits of more than $80,000,000, have helped to secure probably over 400,000 homes and are semi banking institutions conducted by ordinary men not trained as bankers, but yet have met with remarkably few losses, shows conclusively the strong hold which building and loan associations have taken upon the public.—Commissioner Wright.

Indebtedness of Nations.

COMPILED FROM THE ELEVENTH UNITED STATES CENSUS, 1890.

COUNTRIES.	Debt Less Sinking Fund, 1890.	Debt per Capita	COUNTRIES.	Debt Less Sinking Fund, 1890.	Debt per Capita
Argentine Republic	$284,867,069	$70.40	Canada	$237,533,212	$47.51
Austria-Hungary & Hung.	2 866,339,539	70.84	New South Wales	233,289,245	214.87
Belgium	380 504,099	63.10	New Zealand	184,898,305	298.01
Bolivia	14,763,367	12.38	Queensland	129 204,750	333.46
Brazil	585,345,927	41.80	South Australia	102 177,500	321.00
Chile	85,192 339	31.96	Tasmania	22,235,345	147 46
Colombia	63 451,583	16.36	Victoria	179,614,005	161.63
Denmark	33 004,722	15.66	Western Australia	6,509,736	150.23
France	*4,446 793 398	116.35	Greece	107 306,518	49.06
German Empire	77,577,719	1.57	Guatemala	10 825,836	7.59
Alsace-Lorraine	3 837,373	2.39	Hayti	13,500,000	14.06
Baden	71 165,252	42.95	Honduras	63,394 267	146.77
Bavaria	335,503,105	60.03	Italy	2,324 826,329	76.06
Bremen	16,217,400	89.94	Japan	305 727 816	7.83
Brunswick	4,876 174	12.10	Mexico	113 606,675	9.98
Hamburg	59,202,946	94.85	Netherlands	430,589,858	95.56
Hesse	7,562,763	7.60	Nicaragua	1,711,206	4.28
Lübeck	3,295,709	43.10	Norway	13,973 752	7 13
Oldenburg	9,211,095	25.95	Paraguay	19,633,013	59.56
Prussia	1 109 384,127	37.03	Peru	382,175,655	145.77
Saxony	143 897 747	41.11	Roumania	180,145 800	32.75
Saxe-Coburg-Gotha	955,311	4.63	Russia	3,491,018,074	30.79
Saxe-Meiningen	2 550,698	11.39	Servia	60,811,330	30.20
Schwarzb'g-Rudolstadt.	743,800	8.67	Spain	1,251,453,696	73.85
Sondershausen.	842,631	11.16	Sweden	64,220,807	13.53
Waldeck	568,200	9.92	Switzerland	10,912,925	3.72
Würtemberg	107 735,500	52.93	Turkey	821,000,000	37.20
Great Britain and Ireland.	3,350,719 563	87.79	Egypt	517,278,200	75.88
India	881,003 592	3 27	United States	915,962,112	14.63
Cape of Good Hope	110,817,720	77.56	Venezuela	22,517,437	11.00
Natal	22,028,424	45.76			

* Inclusive of floating debt, but exclusive of annuities, whose capitalized value is estimated by good authority to be not less than $2,000,000,000.

The national debts of the larger nations in 1898 or 1899 were as follows: Austria-Hungary, 1899, $2,574,378,500; France, 1899, $5,970,965,000; German Empire, 1899, $524,204,853; Prussia, 1899, $1,578,016,666, Great Britain and Ireland, 1899, $3,323,819,000; Italy, 1899, $2,482,814,-812; Spain, 1898, $1,709,000,000· Russia, 1899, $4,759 437 000. United States, 1899, $2,092,686,-024.42.

Indebtedness of the States and Territories in 1890.

COMPILED FROM THE ELEVENTH UNITED STATES CENSUS.

GEOGRAPHICAL DIVISIONS.	Total Combined Debt* Less Sinking Fund.	Per Capita of Combined Debt.		GEOGRAPHICAL DIVISIONS.	Total Combined Debt* Less Sinking Fund.	Per Capita of Combined Debt.	
	1890.	1890.	1880.		1890.	1890.	1880.
North Atlantic	$467,968,615	$26.89	$37.28	Iowa	$11,275,319	$5.90	$5.01
Maine	$15,600,777	$23.60	$35.81	Missouri	51,557,568	19.24	27.79
N. Hampshire	8,148,362	21.64	31.10	N. Dakota	3.842,790	21.03	3.57
Vermont	3,785,373	11.39	13.54	S. Dakota	6,613,707	20.11	8.82
Massachusetts	81,550,027	36.42	51.55	Nebraska	15,536,772	14.67	16.56
Rhode Island	13,042,117	37.75	46.91	Kansas	40,629 022	28.47	15.97
Connecticut	23,703 478	31.76	35.33	South Central	138,255,311	12.60	16.14
New York	201,763,217	33.64	43.06	Kentucky	$19,432,885	$10.46	$9.09
New Jersey	49,333 589	34.14	43.66	Tennessee	29,543,843	16.71	26.42
Pennsylvania	71 041,675	13 51	25.03	Alabama	18,930,867	12.51	14.28
				Mississippi	6,011,347	4.66	4.38
South Atlantic	165,107,113	18.64	22.10	Louisiana	33.335 497	29.80	45.60
Delaware	$2,919,084	$17.32	$16.17	Texas	20 172,063	9.02	7.34
Maryland	42,175,408	40 46	44.31	Arkansas	10 828,809	9.60	13.37
Dist. of Columbia.	19,781 050	85.86	126.66				
Virginia	50,837,315	30.70	30 09	Western	43,641,122	14.41	13.85
W. Virginia	2,532,460	3.32	2.65	Montana	$2,918,893	$22.09	$19.54
N. Carolina	11,117,445	6.87	12.83	Wyoming	1,647,381	27.14	9.88
S. Carolina	13,295,637	11.55	14.25	Colorado	8,411,027	20.41	18.67
Georgia	20,272 095	11.03	12.74	New Mexico	2 831 538	18.44	.71
Florida	2,176,619	5.56	9.89	Arizona	2,937,971	49.28	9.33
				Utah	767,501	3.69	.81
North Central	320,238,281	14.32	14.17	Nevada	1 337,501	29.23	22.48
Ohio	$71,065,386	$19 35	$16.59	Idaho	1,594,333	18.89	7.05
Indiana	24,442,631	11.15	9.28	Washington	3,145,658	9.00	3.19
Illinois	41,841,649	10.94	15.07	Oregon	2,479,860	7.90	4.86
Michigan	16,941,928	8.09	7 36	California	15,569,459	12.89	19.18
Wisconsin	10,440,580	6.19	9.19				
Minnesota	26,050,929	20.01	14.51	Total	$1,135,210,442	$18.13	$22.40

* The combined debt is composed of State debts, and county, municipal, and school district debts. For details see THE WORLD ALMANAC for 1898.

Public Debt of the United States.

OFFICIAL STATEMENT OF NOVEMBER 1, 1899.

INTEREST-BEARING DEBT.

Funded loan of 1891	$25,364,500.00
Funded loan of 1907	559,653,100 00
Refunding certificates	37,300.00
Loan of 1904	100,000,000.00
Loan of 1925	162,315,400.00
Two-twenties of 1898	198,678,720.00
Aggregate of interest-bearing debt, exclusive of United States bonds issued to Pacific railroads	$1,046,049,020.00

DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

Aggregate debt on which interest has ceased since maturity	$1,210,030.26

DEBT BEARING NO INTEREST.

United States notes	$346,681,016.00
Old demand notes	53,847.50
National bank notes:	
Redemption account	35,145,799.00
Fractional currency	6,881,408.66
Aggregate of debt bearing no interest	$388,762,071.16

CERTIFICATES AND NOTES ISSUED ON DEPOSITS OF COIN AND LEGAL-TENDER NOTES AND PURCHASES OF SILVER BULLION.

Gold certificates	$152,438,119.00
Silver certificates	400,633,504.00
Certificates of deposit	13,765,000.00
Treasury notes of 1890	89,828,280.00
Aggregate of certificates and Treasury notes, offset by cash in the Treasury	$656,664,903.00

CLASSIFICATION OF DEBT NOVEMBER 1, 1899.

Interest-bearing debt		$1,046,049,020.00
Debt on which interest has ceased since maturity		1,210,030 26
Debt bearing no interest		388,762,071.16
Aggregate of interest and non-interest bearing debt		$1,436,021,121.42
Certificates and Treasury notes offset by an equal amount of cash in the Treasury		656,664,903.00
Aggregate of debt, including certificates and Treasury notes		$2,092,686,024.42

CASH IN THE TREASURY.

Gold certificates	$152,438,119 00		
Silver certificates	400,633,504.00		
Certificates of deposit, act June 8, 1872	13,765,000.00		
Treasury notes of 1890	89,828,280 00		$656,664,903.00
Fund for redemption of uncurrent National bank notes	$9,290,514.35		
Outstanding checks and drafts	6,547,884.84		
Disbursing officers' balances	57,031,598.42		
Agency accounts, etc	6,229,408.47		79,099,406.08
Gold reserve	$100,000,000.00		
Net cash balance	189,391,540 04		289,391,540 04
Aggregate			$1,025,155,849.12
Cash balance in the Treasury November 1, 1899			$289,391,540 04

Principal of the Public Debt.

Statement of outstanding Principal of the Public Debt of the United States on January 1 *of each Year from* 1791 *to* 1842, *inclusive, on July* 1 *of each Year from* 1843 *to* 1886, *inclusive; on December* 1 *of each Year from* 1887 *to* 1892, *inclusive, and on November* 1, *from* 1893 *to* 1899, *inclusive.*

1791	Jan. 1	$75,463,476.52	1828	Jan. 1	$67,475,043.87	1864	July 1 $1,815,784,370.57
1792	"	77,217,924.66	1829	"	58,421,413.67	1865	" 2,680,647,869.74
1793	"	80,352,634.04	1830	"	48,565,406.50	1866	" 2,773,236,173.69
1794	"	78,427,404.77	1831	"	39,123,191.68	1867	" 2,678,126,103.87
1795	"	80,747,587 39	1832	"	24,322,235.18	1868	" 2,611,687,851.19
1796	"	83,762,172.07	1833	"	7,001,698.83	1869	" 2,588,452,213.94
1797	"	82,064,479.33	1834	"	4,760,082.08	1870	" 2,480,672,427.81
1798	"	79,228,529.12	1835	"	37,513.05	1871	" 2,353,211,332.32
1799	"	78,408,669.77	1836	"	336,957.83	1872	" 2,253,251,328.78
1800	"	82,976,294.35	1837	"	3,308,124.07	1873	" 2,234,482,993.20
1801	"	83,038,050.80	1838	"	10,434,221.14	1874	" 2,251,690,468.43
1802	"	86,712,632.25	1839	"	3,573,343.82	1875	" 2,232,284,531.95
1803	"	77,054,686.30	1840	"	5,250,875.54	1876	" 2,180,395,067.15
1804	"	86,427,120.88	1841	"	13,594,480.73	1877	" 2,205,301,392.10
1805	"	82,312,150.50	1842	"	26,601,226.28	1878	" 2,256,205,892.53
1806	"	75,723,270.66	1843	July 1	32,742,922.00	1879	" 2,340,567,232.04
1807	"	69,218,398.64	1844	"	23,461,652.50	1880	" 2,128,791,054.63
1808	"	65,196,317.97	1845	"	15,925,303.01	1881	" 2,077,389,253.58
1809	"	57,023,192.09	1846	"	15,550,202.97	1882	" 1,926,688,678.03
1810	"	53,173,217.52	1847	"	38,826,534.77	1883	" 1,892,547,412.07
1811	"	48,005,587.76	1848	"	47,044,862.23	1884	" 1,838,904,607.57
1812	"	45,209,737.90	1849	"	63,061,858.69	1885	" 1,872,340,557.14
1813	"	55,962,827.57	1850	"	63,452,773.55	1886	" 1,783,438,697.78
1814	"	81,487,846.24	1851	"	68,304,796.02	1887	Dec. 1 1,664,461,536.38
1815	"	99,833,660.15	1852	"	66,199,341.71	1888	" 1,680,917,706.23
1816	"	127,334,933.74	1853	"	59,803,117.70	1889	" 1,617,372,419.53
1817	"	123,491,965.16	1854	"	42,242,222.42	1890	" 1,549,206,126.48
1818	"	103,466,633.83	1855	"	35,586,858.56	1891	" 1,546,961,695.61
1819	"	95,529,648.28	1856	"	31,972,537 90	1892	" 1,563,612,455.63
1820	"	91,015,566.15	1857	"	28,699,831.85	1893	Nov. 1 1,549,556,353.63
1821	"	89,987,427.66	1858	"	44,911,881.03	1894	" 1,626,154,037 68
1822	"	93,546,676.98	1859	"	58,496,837.88	1895	" 1,717,481,779.90
1823	"	90,875,877.28	1860	"	64,842,287.88	1896	" 1,785,412,640.00
1824	"	90,269,777.77	1861	"	90,580,873.72	1897	" 1,808,777,643 40
1825	"	83,788,432.71	1862	"	524,176,412.13	1898	" 1,964,837,130.90
1826	"	81,054,059.99	1863	"	1,119,772,138.63	1899	" 2,092,686,024.42
1827	"	73,987,357.20					

Value of Foreign Coins in United States Money.

(Proclaimed by the Secretary of the Treasury October 1, 1899.)

Country.	Standard.	Monetary Unit.	Value in U. S. Gold Dollar.	Coins.
Argent. R.	Gld&Sil	Peso	$0.96,5	Gold: argentine ($4.82,4) and ½ argentine. Silver: peso and divisions.
Austria H.	Gold	Crown	.20,3	Gold: former system—4 florins ($1.92,9), 8 florins ($3.85,8), ducat ($2.28,7), and 4 ducats ($9.14,9). Silver: 1 and 2 florins. Gold: present system—20 crowns ($4.05,2) and 10 crowns ($2.02,6).
Belgium	Gld&Sil	Franc	.19.3	Gold: 10 and 20 francs. Silver: 5 francs.
Bolivia	Silver	Boliviano	.43,6	Silver: boliviano and divisions.
Brazil	Gold	Milreis	.54,6	Gold: 5, 10, and 20 milreis. Silver: ½, 1, and 2 milreis.
Canada	Gold	Dollar	1.00	
Cent. Am.	Silver	Peso*	.43,6	Silver: peso and divisions.
Chile	Gold	Peso	.36,5	Gold: escudo ($1.82,5), doubloon ($3.65), and condor ($7.30). Silver: peso and divisions.
China	Silver	Tael: Shanghai	64.4	
		Haikwan	71,8	
		Tientsin	.68,3	
		Chefoo	.67,4	
Colombia	Silver	Peso	.43,6	Gold: condor ($9.64,7) and double-condor. Silver: peso.
Costa Rica	Gold	Colon	.46,5	Gold: 2,5,10, and 20 colons ($9.30,7). Silver: 5, 10, 25, and 50 centimos.
Cuba	Gld&Sil	Peso	.92,6	Gold: doubloon ($5.01,7). Silver: peso.
Denmark	Gold	Crown	.26,8	Gold: 10 and 20 crowns.
Ecuador	Silver	Sucre	.43,6	Gold: condor ($9.64,7) and double-condor. Silver: sucre and divisions.
Egypt	Gold	Pound (100 piasters)	4.94,3	Gold: pound (100 piasters), 5, 10, 20, and 50 piasters. Silver: 1, 2, 5, 10, and 20 piasters.
Finland	Gold	Mark	.19 3	Gold: 20 marks ($3.85,9), 10 marks ($1.93).
France	Gld&Sil	Franc	.19.3	Gold: 5, 10, 20, 50, and 100 francs. Silver: 5 francs.
Germany	Gold	Mark	.23,8	Gold: 5, 10, and 20 marks.
Gt. Britain	Gold	Pound sterling	4.86,6½	Gold: sovereign (pound sterling) and ½ sov'gn.
Greece	Gld&Sil	Drachma	.19.3	Gold: 5, 10, 20, 50, and 100 drachmas. Silver: 5 drachmas.
Hayti	Gld&Sil	Gourde	.96,5	Silver: gourde.
India	Silver	Rupee†	.20 7	Gold: mohur ($7.10,5). Sil.: rupee and div'ns.
Italy	Gld&Sil	Lira	.19.3	Gold: 5, 10, 20, 50, and 100 lire. Silver: 5 lire.
Japan	Gold	Yen	.49,8	Gold: 1, 2, 5, 10, and 20 yen. Silver: 10, 20, and 50 sen.
Liberia	Gold	Dollar	1.00	
Mexico	Silver	Dollar	.47,4	Gold. dollar ($0.98,3), 2½, 5, 10, and 20 dollars. Silver: dollar (or peso) and divisions.
Neth'lands	Gld&Sil	Florin	.40.2	Gold: 10 florins. Silver: ½, 1, and 2½ florins.
N foundl'd	Gold	Dollar	1.01.4	Gold: 2 dollars ($2.02,7).
Norway	Gold	Crown	.26.8	Gold: 10 and 20 crowns.
Peru	Silver	Sol	.43.6	Silver: sol and divisions.
Portugal	Gold	Milreis	1.08	Gold: 1, 2, 5, and 10 milreis.
Russia	Gold	Ruble	.51.5	Gold: imperial ($7.71,8) & ½ imperial ($3.86). Crown & half crown. Silver: ¼, ½, & 1 ruble.
Spain	Gld&Sil	Peseta	.19.3	Gold: 25 pesetas. Silver: 5 pesetas.
Sweden	Gold	Crown	.26,8	Gold: 10 and 20 crowns.
Switz'land	Gld&Sil	Franc	.19.3	Gold: 5, 10, 20, 50, & 100 francs. Silver: 5 fr's.
Turkey	Gold	Piaster	.04,4	Gold: 25, 50, 100, 250, and 500 piasters.
Uruguay	Gold	Peso	1.03.4	Gold: peso. Silver: peso and divisions.
Venezuela	Gld&Sil	Bolivar	.19,3	Gold: 5. 10. 20, 50, and 100 bolivars. Silver: 5 bolivars.

* Not including Costa Rica. † Value of the rupee to be determined by consular certificate.

TABLE SHOWING THE VALUE OF FOREIGN COINS AND PAPER NOTES IN AMERICAN MONEY BASED UPON THE VALUES EXPRESSED IN THE ABOVE TABLE.

Number.	British £ Sterling.	German Mark.	French Franc. Italian Lira.	Chinese Tael (Shanghai).	Dutch Florin.	Indian Rupee.	Russian Gold Ruble.	Austrian Crown.
1	$4.86,6½	$0.23.8	$0.19,3	$0.64,4	$0.40,2	$0.20,7	$0.51,5	$0.20,3
2	9.73,3	0.47,6	0.38.6	1.28.8	0.80,4	0.41,4	1.03	0.40,6
3	14.59,9½	0.71,4	0.57,9	1.93.2	1.20,6	0.62,1	1.54,5	0.60,9
4	19.46,6	0.95,2	0.77,2	2.57,6	1.60,8	0.82,8	2.06	0.81,2
5	24.33,2½	1.19	0.96.5	3.22	2.01	1.03,5	2.57,5	1.01,5
6	29.19,9	1.42.8	1.15,8	3.86,4	2.41,2	1.24,2	3.09	1.21,8
7	34.06,5½	1.66,6	1.35,1	4.50.8	2.81.4	1.44,9	3.60,5	1.42,1
8	38.93,2	1.90.4	1.54,4	5.15,2	3.21,6	1.65.6	4.12	1.62,4
9	43.79,8½	2.14,2	1.73,7	5.79,6	3.61,8	1.86,3	4.63,5	1.82,7
10	48.66,5	2.38	1.93	6.44	4.02	2.07	5.15	2.03
20	97.33	4.76	3.86	12.88	8.04	4.14	10.30	4.06
30	145.99.5	7.14	5.79	19.32	12.06	6.24	15.45	6 09
40	194.66	9.52	7.72	25.76	16.08	8.28	20.60	8.1[illegible]
50	243.32,5	11.90	9.65	32.20	20.10	10.35	25.75	10.15
100	486.65	23.80	19.30	64.40	40.20	20.70	51.50	20.30

Monetary Statistics.

(Compiled from the Report of the Director of the Mint.)

APPROXIMATE AMOUNT OF MONEY IN THE WORLD, JANUARY 1, 1899.

Countries.	Monetary System.	Ratio Between Gold and Full Legal Tender Silver.	Ratio Between Gold and Limited Tender Silver.	Gold Stock.	Silver Stock.	Uncovered Paper.	Per Capita. Gold.	Silver.	Paper.	Total.
United States*	Gold and Silver	1 to 15.98	1 to 14.95	$962,200,000	$639,000,000	$319,500,000	$12.65	$8.40	$4.20	$25.25
United Kingdom	Gold	.....	1 to 14.28	462,800,000	111,900,000	111,600,000	11.50	2.78	2.77	17.05
France	Gold and Silver	1 to 15 1-2	1 to 14.38	810,600,000	420,100,000	161,100,000	21.05	10.92	4.18	36.15
Germany	Gold	.....	1 to 13.957	672,800,000	208,200,000	156,700,000	12.86	3.98	3.00	19.84
Belgium	Gold and Silver	1 to 15 1-2	1 to 14.38	30,000,000	45,000,000	82,500,000	4.54	6.82	12.50	23.86
Italy	Gold and Silver	1 to 15 1-2	1 to 14.38	98,000,000	43,900,000	174,900,000	3.09	1.38	5.52	9.99
Switzerland	Gold and Silver	1 to 15 1-2	1 to 14.38	24,000,000	10,700,000	17,400,000	7.74	3.45	5.61	16.80
Greece	Gold and Silver	1 to 15 1-2	1 to 14.38	500,000	1,500,000	29,100,000	.21	.62	12.12	12.95
Spain	Gold and Silver	1 to 15 1-2	1 to 14.38	53,400,000	37,800,000	187,500,000	2.92	2.06	10.24	15.22
Portugal	Gold	.....	1 to 14.08	5,200,000	9,600,000	75,200,000	1.02	1.88	14.74	17.64
Roumania	Gold and Silver	.....	.....	13,100,000	7,100,000	20,200,000	2.42	1.31	3.75	7.48
Servia	Gold and Silver	.....	.....	1,000,000	1,800,000	3,600,000	.41	.75	1.50	2.66
Austria-Hungary	Gold	.....	1 to 13.69	221,400,000	147,300,000	103,200,000	4.82	3.21	2.24	10.27
Netherlands	Gold and Silver	1 to 15 5-8	1 to 15	30,200,000	56,400,000	47,200 000	6.04	11.28	9.44	26.76
Norway	Gold	.....	1 to 14.88	8,600,000	2,300,000	5,100,000	4 10	1.09	2.43	7.62
Sweden	Gold	.....	1 to 14.88	13,000,000	6,500,000	29,500,000	2.60	1.30	5.90	9.80
Denmark	Gold	.....	1 to 14.88	16,900,000	5,400,000	5,900,000	7.35	2.35	2.56	12.26
Russia	Gold	.....	1 to 23.24	740,400,000	81,900,000	.....	5.69	.63	....	6.32
Turkey	Gold and Silver	1 to 15 7-8	1 to 15 7-8	50,000,000	40,000,000	.....	2.07	1.66	....	3.73
Australasia	Gold	.....	1 to 14.28	132,100,000	7,000,000	22,500,000	25.90	1.37	4.41	31.68
Egypt	Gold	.....	1 to 15.68	30,000,000	6,400,000	.....	3.06	.65	....	3.71
Mexico	Silver	1 to 16 1-2	.....	8,600,000	106,000,000	4,000,000	.66	8.15	.31	9.12
Central Am. States	Silver	.....	.....	1,000,000	11,400,000	18,100,000	.30	3.35	5.32	8.97
South Am. States	Silver†	1 to 15 1-2	.....	72,700,000	29,000,000	1,159,300,000	1 91	.76	30.51	33.18
Japan	Gold	.....	1 to 32.36	54,000,000	25,300,000	.....	1.20	.55	....	1.75
India	Silver	1 to 15	.....	.....	568,400,000	47,400,000	....	1.91	.16	2.07
China	Silver	.....	.....	.....	750,000,000	.....	....	1.96	....	1.96
Straits Settlements	Silver	.....	.....	.....	242,000,000	.....	....	53.82	....	53.82
Canada	Gold	.....	1 to 14.28	20,000,000	5,000,000	40,500,000	3.70	.93	7.50	12.13
Cuba	Gold and Silver	1 to 15 1-2	.....	2,000,000	1,500,000	.....	1.11	.83	....	1.94
Hayti	Gold and Silver	1 to 15 1-2	.....	1,200,000	3,500,000	3,700,000	1.20	3.50	3.70	8.40
Bulgaria	Gold and Silver	1 to 15 1-2	1 to 14.39	1,000,000	6,800,000	.....	.30	2.06	....	2.36
Siam	Silver	.....	.....	20,000,000	193,400,000	.....	4.00	38.68	....	42.68
Hawaii	Gold and Silver	1 to 15.98	1 to 14.95	4,000,000	1,000,000	.....	40.00	10.00	....	50.00
Cape Colony	Gold	.....	1 to 14.28	37,500,000	1,000,000	.....	17.86	.47	....	18.33
S. African Rep.	Gold	.....	1 to 14.28	29,200,000	1,200,000	.....	26.54	1.09	....	27.63
Finland	Gold	.....	1 to 15 1-2	4,100,000	500,000	10,800,000	1.58	.19	4.15	5.92
Total	.....	.....	.....	$4,631,700,000	$3,836,100,000	$2,836,300,000	$3.51	$2.91	$2.15	$8.57

* July 1, 1899. † Except Venezuela, Chile, and Peru.

WORLD'S PRODUCTION OF GOLD AND SILVER IN 1898.

Countries.	Gold. Oz., fine.	Dollars.	Silver. Oz., fine.	Dollars.
United States	3,118,398	64,463,000	54,438,000	70,384,500
Mexico	411,187	8,500,000	56,738,000	73,358,200
Canada, N'wf'l'd	669,445	13,838,700	4,452,333	5,756,500
Africa	3,890,704	80,428,000	.....	.....
Australasia	3,137,644	64,860,800	12,021,682	15,543,200
Russia	1,231,791	25,463,400	278,492	360,100
Austria-Hungary	89,954	1,859,500	1,814,294	2,345,700
Germany	3,561	73,600	5,571,516	7,203,600
Norway	.....	....	173,331	224,100
Sweden	4,044	83,600	65,345	84,500
Italy	8,027	165,900	804,512	1,040,200
Spain	*1,833	37,900	*5,957,965	7,703,200
Greece	.....	.....	981,356	1,268,800
Turkey	†353	7,300	†225,225	291,200
France	.....	.....	*542,913	701,900
Great Britain	321	6,600	211,347	273,300

Countries.	Gold. Oz., fine.	Dollars.	Silver. Oz., fine.	Dollars.
Argentina	6,661	*137,700	383,479	*495,800
Bolivia	16,617	*343,500	8,204,568	*10,607,900
Chile	16,482	*340,700	2,591,998	*3,351,300
Colombia	109,483	2,263,200	5,483,717	7,090,100
Brazil	76,613	1,583,700	.....	.....
Venezuela	*51,151	1,057,400	.....	.....
Guiana (British)	99,105	2,048,700	.....	.....
Guiana (Dutch)	27,532	569,100	.....	.....
Guiana (French)	79,547	1,644,400	.....	.....
Peru	*30,380	628,000	1,951 240	2,522,800
Central America	22,917	473,700	716,008	925,700
Japan	38,253	790,800	1,659,856	2,146,100
China	294,059	6,078,700	.....	.....
Korea	*49,350	1,020,200	.....	.....
India (British)	376,431	7,781,500	.....	.....
East Indies (Br.)	31,973	660,900	.....	.....

Fine oz. of gold, $20.671834+; of silver, $1.292929+, coining rate in U. S. silver dollars. *1897. †1896.

The London "Statist" estimates the production of the Transvaal gold mines from 1887 to 1898 inclusive at $382,440,240.

VALUE OF A UNITED STATES SILVER DOLLAR PURCHASABLE WITH A DOLLAR AT THE AVERAGE LONDON PRICE OF SILVER, EACH YEAR SINCE 1880.

Calendar Years.	Bullion Value of a Silver Dollar. Highest.	Lowest.	Average.	Grains of Pure Silver, at Average Price, Purchasable with a United States Silver Dollar.*
1880	$0.896	$0.875	$0.886	419 49
1881	.896	.862	.881	421 87
1882	.887	.847	.878	422 83
1883	.868	.847	.858	432 69
1884	.871	.839	.861	431.18
1885	.847	.794	.823	451 09
1886	.797	.712	.769	482 77
1887	.799	.733	.758	489.78
1888	.755	.706	.727	510 66
1889	.752	711	.723	513 48

Calendar Years.	Bullion Value of a Silver Dollar. Highest.	Lowest.	Average.	Grains of Pure Silver, at Average Price, Purchasable with a United States Silver Dollar.*
1890	$0.926	$0.740	$0.809	458.90
1891	.827	.738	.764	485.93
1892	.742	.642	.674	550.81
1893	.657	.517	.604	614.65
1894	.538	.457	.491	756.11
1895	.532	.461	.505	735.14
1896	.541	.504	.522	711 20
1897	505	.400	.467	794.96
1898	.481	.424	.456	814.14

* 371.25 grains of pure silver are contained in a silver dollar.

MONETARY STATISTICS—*Continued.*

COMMERCIAL RATIO OF SILVER TO GOLD.

1687	14.94	1863	15.37	1872	15.63	1881	18.16	1890	19.76
1700	14.81	1864	15.37	1873	15.92	1882	18.19	1891	20.92
1750	14.55	1865	15.44	1874	16.17	1883	18.64	1892	23.72
1800	15.68	1866	15.43	1875	16.59	1884	18.57	1893	26.49
1825	15.17	1867	15.57	1876	17.88	1885	19.41	1894	32.56
1850	15.70	1868	15.59	1877	17.22	1886	20.78	1895	31.60
1860	15.29	1869	15.60	1878	17.94	1887	21.13	1896	30.66
1861	15.50	1870	15.57	1879	18.40	1888	21.99	1897	34.28
1862	15.35	1871	15.57	1880	18.05	1889	22.09	1898 (9 mo.)	35.40

BULLION VALUE OF 371¼ GRAINS OF PURE SILVER AT THE ANNUAL AVERAGE PRICE OF SILVER.

Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.
1837	$1.009	1873	$1.004	1880	$0.886	1887	$0.757	1893	$0.603
1840	1.023	1874	.988	1881	.876	1888	.727	1894	.491
1850	1.018	1875	.964	1882	.878	1889	.723	1895	.506
1865	1.035	1876	.894	1883	.858	1890	.809	1896	.522
1870	1.027	1877	.929	1884	.859	1891	.764	1897	.467
1871	1.025	1878	.891	1885	.823	1892	.674	1898	.456
1872	1.022	1879	.868	1886	.769				

PURCHASES OF SILVER BY THE UNITED STATES.

Act Authorizing.	Fine Ounces.	Cost.	Average Price
February 12, 1873	5,434,282	$7,152,564	$1.314
January 14, 1875	31,603,906	37,571,148	.189
February 28, 1878	291,292,019	308,199,262	1.058
July 14, 1890 (to November 1, 1893, date of the repeal of the purchasing clause of the act of July 14, 1890)	168,674,682	155,931,002	.924
Total	497,004,889	$508,853,976	$1.024

SOURCES OF GOLD AND SILVER PRODUCT OF THE UNITED STATES.

In answer to the many interrogatories received by the Bureau of the Mint relative to the sources of the production of the precious metals in the United States, the following table, compiled from reports made by the mint officers and agents, as to the sources of production for the calendar year 1898, shows the distribution among the various gold and silver producing States and Territories of the amount of gold and silver extracted from quartz, the amount of gold obtained from placer, and the amount of silver obtained from lead ores and copper ores as by-products.

States.	Gold.		Silver.			States.	Gold.		Silver.		
	Quartz.	Placer.	Quartz.	Lead Ores.	Copper Ores.		Quartz.	Placer.	Quartz.	Lead Ores.	Copper Ores.
	Fine Ozs.	Fine Ozs.	Fine Ozs.	Fine Ozs.	Fine Ozs.		Fine Ozs.	Fine Ozs.	Fine Ozs.	Fine Ozs.	Fine Ozs.
Alabama	153	165	63	....	....	N. Car'lina	3,227	1,125	1,509	....	....
Alaska	64,591	57,175	88,474	....	....	Oregon	44,567	14,289	128,326	....	....
Arizona*	115,697	6,000	1,500,000	297,784	500,000	S. Carolina	5,008	90	325	....	....
California	584,144	185,332	278,600	157,443	265,745	S. Dakota	278,905	....	138,383	....	....
Colorado	1,110,893	26,540	4,636,267	†18,545,070	....	Tennessee	2	5	1	....	....
Georgia	4,829	1,653	493	....	....	Texas	12	....	472,953	....	....
Idaho	57,225	34,463	1,400,078	3,856,622	....	Utah	114,767	....	1,344,636	5,062,459	163,161
Maryland	15	28	2	....	....	Virginia	160	85	15	....	....
Michigan	3	....	....	....	32,457	Wash'gton	24,152	5,459	209,548	120,000	....
Montana	222,206	31,662	2,558,759	2,763,991	9,495,912	Wyoming	218	24	....	....	....
Nevada	145,554	5,028	577,088	402,610	....						
N. Mexico	36,181	3,099	381,362	106,697	....	Total	2,812,519	372,215	13,716,882	31,312,676	10,457,275

* Estimated. † Lead and copper ores.

It would appear from the above that less than one-third of the silver product of the United States is derived from mines producing silver ores proper, and that considerably more than two-thirds of the entire silver output of the United States is a product from the smelting of lead and copper ores, although this product is frequently more valuable than the other metals contained.

Approximate Value of the Product of Gold and Silver in the United States in the Calendar Year 1898, Distributed by Producing States and Territories, as Estimated by the Director of the Mint.

States and Territories.	Gold, Value.	Silver, Coining Value	Total Value.	States and Territories.	Gold, Value.	Silver, Coining Value.	Total Value.
Alabama	$5,000	$129	$5,129	New Mexico	$539,000	$549,883	$1,088,883
Alaska	2,524,800	119,467	2,644,267	North Carolina	84,000	905	84,905
Arizona	2,465,100	2,904,954	5,370,054	Oregon	1,177,600	168,081	1,345,681
California	15,637,900	830,448	16,468,348	South Carolina	104,200	388	104,588
Colorado	23,195,300	29,498,958	52,694,258	South Dakota	5,699,700	196,913	5,896,613
Georgia	128,600	646	129,246	Tennessee	900	....	900
Idaho	1,716,900	6,560,065	8,276,965	Texas	300	611,426	611,726
Iowa	100	....	100	Utah	2,285,400	8,385,810	10,671,210
Maryland	600	....	600	Virginia	4,500	....	4,500
Michigan	100	41,891	41,991	Washington	766,200	328,921	1,095,121
Minnesota	100	....	100	Wyoming	5,300	129	5,429
Montana	5,126,900	19,144,663	24,271,563				
Nevada	2,994,500	1,040,808	4,035,308	Total	$64,463,000	$70,384,485	$134,847,485

Note.—The commercial value of silver bullion in 1898 was 59 cents per fine ounce, while in 1897 it was 60 cents.

MONETARY STATISTICS—*Continued.*

GOLD AND SILVER DEPOSITED AT THE MINTS AND ASSAY OFFICES OF THE UNITED STATES FROM THEIR ORGANIZATION TO JANUARY 1, 1898.

Locality.	Gold.	Silver.	Total.	Locality.	Gold.	Silver.	Total.
Alabama	$260,841.26	$469.81	$261,311.07	N. Carolina	$11,906,288.28	$67,958.01	$11,974,256.29
Alaska	2,537,783.34	28,363.06	2,566,146.40	Oregon	24,059,841.69	120,952.23	24,180,793.92
Arizona	8,909,817.99	14,117,738.40	23,027,556.39	South Carolina	2,555,609.13	5,136.39	2,560,745.52
California	776,268,535.53	4,389,140.81	780,657,676.34	South Dakota	62,153,515.43	1,190,009.83	63,343,525.26
Connecticut	125.32	.....	125.82	Tennessee	91,513.28	16.91	91,530.19
Colorado	76,169,763.09	25,006,122.59	101,175,885.68	Texas	10,442.43	3,457.51	13,899.94
Georgia	9,611,772.89	8,889.87	9,620,662.76	Utah	2,002,139.13	19,943,281.08	21,945,420.21
Idaho	38,357,090.01	2,010,669.73	40,367,759.74	Vermont	79,791.87	93.68	79,885.55
Iowa	1,169.54	6.42	1,175.96	Virginia	1,771,050.78	474.60	1,771,525.38
Maine	6,311.06	22.90	6,333.96	Washington	1,453,012.85	20,665.98	1,473,678.83
Maryland	18,008.91	41.83	18,050.74	West Virginia	104.89	1.99	106.88
Michigan	501,991.91	4,183,502.84	4,685,494.75	Wisconsin	325.73	7.02	332.75
Minnesota	8,912.89	114.08	9,026.97	Wyoming	901,066.68	13,511.66	914,578.34
Missouri	96.71	359.11	455.82	Other sources	42,173,852.38	42,962,128.86	85,135,981.24
Montana	79,070,112.19	22,243,493.08	101,313,605.27	Unrefined	1,186,459,055.85	248,825,677.76	1,435,284,733.61
Nebraska	2,340.26	273,226.13	275,566.39	Refined	573,060,406.81	544,180,060.69	1,117,240,467.50
Nevada	38,955,646.79	105,091,612.06	144,047,258.85	Grand total	1,759,519,461.66	793,005,738.45	2,552,525,201.11
N. Hampshire	481.34	1.75	483.09				
New Mexico	6,619,649.77	7,144,207.54	13,763,857.31				

PRODUCT OF GOLD AND SILVER FROM MINES IN THE UNITED STATES, 1876-1898.

Calendar Year.	Gold.		Silver.		
	Fine Ounces.	Value.	Fine Ounces.	Commercial Value.	Coining Value.
1876	1,930,162	$39,900,000	30,009,000	$34,690,000	$38,800,000
1877	2,268,788	46,900,000	30,783,000	36,970,000	39,800,000
1878	2,476,800	51,200,000	34,960,000	40,270,000	45,200,000
1879	1,881,787	38,900,000	31,550,000	35,430,000	40,800,000
1880	1,741,500	36,000,000	30,320,000	34,720,000	39,200,000
1881	1,678,612	34,700,000	33,260,000	37,850,000	43,000,000
1882	1,572,187	32,500,000	36,200,000	41,120,000	46,800,000
1883	1,451,250	30,000,000	35,730,000	39,660,000	46,200,000
1884	1,489,950	30,800,000	37,800,000	42,070,000	48,800,000
1885	1,538,325	31,800,000	39,910,000	42,500,000	51,600,000
1886	1,693,125	35,000,000	39,440,000	39,230,000	51,000,000
1887	1,596,375	33,000,000	41,200,000	40,410,000	53,350,000
1888	1,604,841	33,175,000	45,780,000	43,020,000	59,195,000
1889	1,587,000	32,800,000	50,000,000	46,750,000	64,646,000
1890	1,588,880	32,845,000	54,500,000	57,225,000	70,465,000
1891	1,604,840	33,175,000	58,330,000	57,630,000	75,417,000
1892	1,596,375	33,000,000	63,500,000	55,563,000	82,101,000
1893	1,739,323	35,955,000	60,000,000	46,800,000	77,576,000
1894	1,910,813	39,500,000	49,500,000	31,422,000	64,000,000
1895	2,254,760	46,610,000	55,727,000	36,445,000	72,051,000
1896	2,568,132	53,088,000	58,835,000	39,655,000	76,069,000
1897	2,774,935	57,363,000	53,860,000	32,316,000	69,637,000
1898	3,118,398	64,463,000	54,438,000	32,118,000	70,384,000

COINAGE AT UNITED STATES MINTS.

Total coinage of the mints since their organization, 1792 (Philadelphia), to June 30, 1899, is as follows:

Gold Coins.		Silver Coins.*		Nickel, Copper, and Bronze.	
Dble. Eagles	$1,479,704,120.00	Dollars	$492,106,849.00	5 cent pieces, nickel	$16,044,061.20
Eagles	303,751,100.00	Trade Dollars	35,965,924.00	3 cent pieces, nickel	941,349.48
Half Eagles	254,560,530.00	Half Dollars	141,254,276.50	2 cent pieces, bronze	912,020.00
3 dollar pieces	1,619,376.00	Quarter Dollars	60,891,781.25	1 cent pieces, copper	1,562,887.44
Quar. Eagles	28,927,807.50	20 cent pieces	271,000.00	1 cent pieces, nickel	2,007,720.00
Dollars	19,499,337.00	Dimes	34,228,800.80	1 cent pieces, bronze	9,661,211.35
		Half Dimes	4,880,219.40	½ cent pieces, copper	39,926.11
		3 cent pieces	1,282,087.20		
Total	$2,088,062,270.00	Total	$770,880,938.15	Total	$32,169,175.58

* Not including $2,501,052.50 Columbian souvenir half dollars and $10,005.75 Columbian souvenir quarter dollars issued in 1893.

PRODUCTION OF THE PRECIOUS METALS SINCE 1492.

The following table exhibits the production of gold and silver for periods since the discovery of America and the commercial ratio of silver to gold at the end of each period:

Years.	Gold.	Silver-Coining Value.	Ratio.	Years.	Gold.	Silver-Coining Value.	Ratio.
1492-1520	$107,931,000	$54,703,000	10.75	1861-1870	$1,263,015,000	$507,174,000	15.56
1521-1560	204,697,000	297,226,000	11.30	1871-1880	1,150,814,000	918,578,000	18.05
1561-1600	189,012,000	597,244,000	11.80	1881-1890	1,059,892,000	1,298,820,000	19.76
1601-1640	223,572,000	678,800,000	14.00	1891	130,650,000	177,352,000	20.92
1641-1680	239,655,000	584,691,000	15.00	1892	146,298,000	198,014,400	23.72
1681-1720	313,491,000	579,869,000	15.21	1893	157,494,800	213,944,400	26.49
1721-1760	580,727,000	801,712,000	14.75	1894	181,175,600	212,829,600	32.56
1761-1800	511,675,000	1,273,468,000	15.09	1895	198,763,600	216,566,900	31.60
1801-1810	118,152,000	371,677,000	15.61	1896	202,251,600	203,069,200	30.66
1811-1820	76,063,000	224,786,000	15.51	1897	238,812,000	212,134,800	34.28
1821-1830	94,479,000	191,444,000	15.80	1898	287,428,600	213,715,400	..
1831-1840	134,841,000	247,920,000	15.75				
1841-1850	363,928,000	324,400,000	15.83	Total	$9,508,317,200	$10,972,431,400	..
1851-1860	1,332,981,000	372,261,000	15.29				

MONETARY STATISTICS—*Continued.*

COINAGE OF NATIONS.

Countries.	1896.		1897.		1898.	
	Gold.	Silver.	Gold.	Silver.	Gold.	Silver.
United States	$47,053,060	$23,089,899	$76,028,485	$18,487,297	$77,985,758	$23,034,033
Mexico	565,985	21,092,397	417,176	19,608,459	599,442	22,066,445
Great Britain	23,402,560	6,470,352	8,654,764	4,583,688	28,204,336	6,200,237
Australasia	34,602,786	.....	37,289,873	.....	39,453,387	.....
India*	.....	5,579,692	.....	25,227,996	.....	26,685,134
France	21,719,880	.....	42,726,251	8,492	34,224,022	7,720,000
Germany	25,133,476	2,718,368	30,145,656	.....	42,675,087	3,704,600
Russia†	10,284	30,985,566	‡170,614,861	‡35,392,493	135,788,949	21,373,189
Austria-Hungary§	33,898,739	7,904,911	33,640,553	5,722,330	14,367,363	1,369,352
Eritrea	.....	771,800	.....	.....	.....	.....
Spain	.....	5,386,942	2,890,407	6,724,106	.....	.....
Italy	.....	.....	147,965	307,957	.....	528,650
Servia	.....	.....	.....	1,014,624	.....	143,399
Japan	1,125,000	13,399,062	31,600,410	4,266,028	16,002,641	8,159,857
Portugal	.....	1,900,000	.....	864,000	.....	1,100,844
Netherlands	.....	428,130	.....	964,800	437,259	562,800
Norway	.....	67,000	.....	147,400	.....	147,400
Sweden	.....	109,007	.....	535,319	1,680,022	795,072
Denmark	.....	.....	.....	135,513	267,046	53,800
Switzerland	1,544,000	1,930	1,544,000	.....	1,544,000	424,600
Turkey	50,114	7,473	920,962	440,435	1,388,586	442,721
Egypt	.....	562,770	.....	519,830	.....	856,114
Abyssinia	.....	376	.....	720,133	.....	401,440
Hong Kong	.....	1,700,000	.....	.....	.....	3,150,000
China	.....	8,638,630	.....	10,636,955	.....	.....
Indo-China	.....	12,542,772	.....	2,773,428	.....	4,589,800
Tunis	232	347	632,500	347	579,232	347
Canada	.....	140,000	.....	65,964	.....	217,000
Newfoundland	.....	98,000	.....	.....	606,071	39,804
Costa Rica	.....	.....	465,433	.....	.....	.....
Argentina	982,715	.....	.....	.....	.....	.....
Bolivia	.....	1,508,087	.....	.....	.....	1,348,094
Peru	.....	2,704,831	.....	449,807	195,161	120,000
Colombia	.....	.....	.....	552,480	.....	.....
Ecuador	.....	169,798	.....	623,687	.....	.....
Chile	5,424,686	677,877	49	.....	.....	.....
San Domingo	.....	.....	.....	606,071	.....	1,415,102
Porto Rico	.....	167,240	.....	.....	.....	.....
German East Africa	.....	.....	.....	.....	.....	174,900
Straits Settlements	.....	453,554	.....	.....	.....	452,000
Congo State	.....	193,000	.....	.....	.....	.....
Morocco	.....	598,655	.....	873,509	.....	606,918
Siam	.....	3,322,752	.....	.....	302	5,329,042
Persia	.....	.....	.....	.....	85,200	5,964,000
Belgium	.....	.....	.....	.....	.....	96,500
All other	386,000	205,000	.....	127,440	112	8,742
Total	$195,899,517	$153,404,410	$437,719,345	$142,380,583	$395,477,905	$149,282,935

* Rupee calculated at coining rate, $0.4737. † Silver ruble calculated at coining rate, $0 7718. ‡ Ruble calculated at coining rate, $0 514555, ukase January 3, 1897 § Florin calculated at coining rate, $0.4052, under the Coinage act of August 2, 1892.

PRECIOUS METALS CONSUMED IN THE ARTS IN 1898.

Countries.	Gold.		Silver.			Countries.	Gold.		Silver.		
	Kilos.	Value.	Kilos.	Coining Value.	Commerc'l Value.		Kilos.	Value.	Kilos.	Coining Value.	Commerc'l Value.
Aust.-Hung.	4,173	$2,773,380	62,843	$2,590,980	$1,182,200	Paraguay	3	$1,990	100	$4,160	$1,900
Belgium	2,543	1,690,060	20,000	831,200	379,300	Portugal	955	634,690	5,600	232,730	106,200
Brazil	750	498,450	...	...	....	Russia	4,087	2,716,220	95,000	3,948,200	1,801,700
Egypt	1,077	715,770	5,094	209,210	95,500	Sweden	441	293,090	3,264	135,650	61,900
England	21,060	14,000,770	194,600	8,087,570	3,690,600	Switzerland	6,000	3,987,600	55,000	2,285,800	1,043,100
France	18,240	12,122,300	156,850	6,477,130	2,955,700	U. S.	17,155	11,400,900	238,432	9,909,230	4,521,900
Germany	10,743	7,139,800	150,000	6,234,000	2,844,700	All other	5,000	3,323,000	50,000	2,078,000	948,200
Italy	5,000	3,323,000	21,000	872,760	398,300						
Netherlands	557	370,180	9,066	376,730	171,900	Total	97,804	$65,000,220	1,065,239	$44,273,400	$20,203,200

REDEMPTION OF UNITED STATES NOTES IN GOLD.

The total redemptions of notes in gold and the exports of that metal during each fiscal year since the resumption of specie payments have been as follows:

Fiscal Year.	United States Notes.	Treasury Notes of 1890.	Total.	Exports of Gold.	Fiscal Year.	United States Notes.	Treasury Notes of 1890.	Total.	Exports of Gold.
1879	$7,976,698	.....	$7,976,698	$4,587,614	1891	$5,986,070	.....	$5,986,070	$86,362,654
1880	3,780,638	.....	3,780,638	3,639,025	1892	5,352,243	$3,773,600	9,125,843	50,195,327
1881	271,750	.....	271,750	2,565,132	1893	55,319,125	46,781,220	102,100,345	108,680,844
1882	40,000	.....	40,000	32,587,880	1894	68,242,408	16,599,742	84,842,150	76,978,061
1883	75,000	.....	75,000	11,600,888	1895	109,783,800	7,570,398	117,354,198	66,131,183
1884	590,000	.....	590,000	41,081,957	1896	153,307,591	5,348,365	158,655,956	112,409,947
1885	2,222,000	.....	2,222,000	8,477,892	1897	68,372,923	9,828,991	78,201,914	40,412,151
1886	6,863,699	.....	6,863,699	42,952,191	1898	22,301,710	2,696,253	24,997,963	15,406,391
1887	4,224,073	.....	4,224,073	9,701,187	1899	18,645,015	6,997,250	25,642,265	37,507,771
1888	692,596	.....	692,596	18,376,234					
1889	730,143	.....	730,143	59,952,285	Total	$535,509,868	$99,595,846	$635,105,687	$831,373,903
1890	732,386	.....	732,386	17,274,491					

Banking Statistics.

THE NATIONAL BANKS OF THE UNITED STATES.

(From the annual report of the Comptroller of the Currency.)

Year Ending Sept. 1.	No. of Banks.	Capital.	Surplus.	Total Dividends.	Total Net Earnings.	Ratio of Dividends to Capital.	Ratio of Dividends to Capital and Surplus.	Ratio of Earnings to Capital and Surplus.
1875..	2.047	$497.864.833	$134.123,649.00	$49.068,601.00	$57,936,224.00	9.89	7.81	9.22
1880..	2.072	454,215,062	120 145,649.00	36,111.473.00	45,186,034.00	8.02	6.35	7.88
1882..	2.197	473,947,715	133,570,931.00	40,791.928.00	53,321,234.00	8.73	6.81	8.88
1883..	2 350	494,640,140	141,232,187.00	40.678.678.00	54.007 148.00	8.30	6.50	8.60
1884..	2.582	518,605,725	147,721,475.00	41,254.473.00	52,362 783.00	8.00	6.20	8.00
1885..	2,665	524,599.602	146,903,495.00	40,656 121.00	43,625.497.00	7.80	6.00	6.50
1886..	2.784	532,459,921	155.030.884.00	42,412.803.00	55,165 385.00	7.96	6.17	8.02
1887..	3.049	578,462,765	173.913.440.97	44,152,407.92	64,506 869 66	7.98	6.12	8.95
1888..	3.093	583,539.145	184,416,990.92	46,531,657.89	65,360,486.73	8.02	6.10	8.57
1889.	3.170	596,302,518	194,818,192.19	46,618,060.27	69,618,265.07	7.82	5.89	8.80
1890..	3.353	625,089,645	208.707,786.00	51,158,883.33	72,055,563.52	8.19	6.14	8.65
1891..	3.577	660,108,261	222,766,668.00	50,795,011.00	75,763,614.90	7.70	5.76	8.60
1892..	3.701	679,076,650	237,761.865.23	50,400,713.93	66,658,015.27	7.42	5.50	7.27
1893..	3.759	684,342,024	246,918,673.11	49,633,195.99	68,750,952.09	7.25	5.33	7.38
1894..	3,755	672,951,450	246,001,328.00	45,333,270.00	41,955,248.00	6.07	4.09	4.05
1895..	3.716	660,287,065	247,466,002.00	45,969,663.00	46,866,557.00	6.96	5.06	5.15
1896..	3,682	652,725,750	248,235,323.00	45.525,947.00	49,742,318.00	6.97	5.05	5.52
1897..	3.620	638,173,895	249,044,948.00	42,394,241.00	44,273,314.00	6.64	4.78	4.99
1898..	3.581	615,818,725	244,281.879.00	44,291,971.00	50,032,972.00	7.17	5.15	5.82
1899..	3,561	608,674,895	247,930,970.00	46,691,502.00	54,346,692.00	7.67	5.45	6.34

AVERAGE DAILY RECEIPTS OF NATIONAL BANKS.

The following table shows the number of banks, their total receipts, and the percentage of checks of such total, in twenty-three principal cities and elsewhere, on a given day in 1892 (September 15):

Cities.	No. of Banks.	Receipts.	Percentage of Checks, etc.	Cities.	No. of Banks.	Receipts.	Percentage of Checks, etc.
New York	48	$130,976,963	92.36	Kansas City	9	$4.168,021	93.46
Chicago	21	25,078,114	94.52	St. Joseph	4	610.775	91.63
St. Louis	8	2,390.070	87.83	Omaha	9	3,190,258	95.76
Boston	55	27.339.245	93.11	Brooklyn	4	1,124,720	81.55
Albany	6	1,175,496	95.33	St. Paul	5	2.382.940	97.00
Philadelphia	41	23,369,882	93.92	Minneapolis	7	2,195.787	96.60
Pittsburgh	26	4,102,424	90.02	San Francisco	2	510,393	83.39
Baltimore	22	4,836,972	82.46	Des Moines	3	333,440	88.40
Washington	12	940,470	66.65				
New Orleans	9	1,498,735	87.16	Total	281	$116,514,324	92.74
Louisville	9	950,421	91.86				
Cincinnati	12	6,137,507	94.64	Total all cities	329	$247.491.287	92.54
Cleveland	8	1,835.908	92.79	Banks elsewhere	3,144	83.713,926	84.91
Detroit	6	1,658.194	91.82				
Milwaukee	3	684,552	90.93	Total U. S.	3,473	$331,205,213	90.61

UNITED STATES CURRENCY CIRCULATION.

Fiscal Year.	Amount in Circulation.	Circulation per Capita.	Fiscal Year.	Amount in Circulation.	Circulation per Capita.	Fiscal Year.	Amount in Circulation.	Circulation per Capita.
1860	$435.407.252	$13.85	1880	$973.382.228	$19.41	1891	$1.497,440,707	$23.41
1865	714,702,995	20.57	1881	1.114.238.419	21.71	1892	1,601,347.187	24.44
1870	675.212 794	17.50	1882	1.174,290,419	22.37	1893	1.596,701,245	23.85
1872	738.309.549	18.19	1883	1,230.305,696	22.91	1894	1,660.808,708	24.28
1873	751,881,809	18.04	1884	1,243 925,969	22.65	1895	1,601,968,473	22.93
1874	776,083,031	18.13	1885	1.292.568,615	23.02	1896	1,506.631,026	21.10
1875	754,101,947	18.16	1886	1.252,700,525	21.82	1897	1.640.808,946	22.49
1876	727,609.338	16.12	1887	1,317.539,143	22.45	1898	1,837.859,895	24.66
1877	722 314.883	15.58	1888	1,372,170,870	22.88	1899	1,904,071,881	25.00
1878	729,132.634	15.32	1889	1,380,361.649	22.52			
1879	818,631,793	16.75	1890	1,429,251,270	22.82			

STATEMENT SHOWING THE AMOUNTS OF GOLD AND SILVER COINS AND CERTIFICATES. UNITED STATES NOTES, AND NATIONAL BANK NOTES IN CIRCULATION OCTOBER 1. 1899.

	General Stock Coined or Issued.	In Treasury.	Amount in Circulation Oct. 1, 1899.	Amount in Circulation Oct. 1, 1898.
Gold Coin	$867.833,173	$221,271,988	$646,561,185	$622,649,812
Standard Silver Dollars	482,122,376	413,367,133	68,755,243	60,788,828
Subsidiary Silver	76,523,333	2,477,571	74,045,762	66,587,940
Gold Certificates	135,501,119	36,827,560	98,673,559	35,393,909
Silver Certificates	405,197,504	5,043,623	400,153,881	393,425,735
Treasury Notes, Act July 14, 1890	91 167,280	1,210,105	89,957,175	96,704,283
United States Notes	346,681,016	31,726,416	314,954,600	291,660,165
Currency Certificates, Act June 8, 1872	16,100,000	230,000	15,870,000	17,635,000
National Bank Notes	243,372,223	3,640,442	239,731,781	231,750,720
Totals	$2,664,498,024	$715,794,838	$1,948,703,186	$1,816,596,392

Population of the United States October 1, 1899, estimated by the Comptroller of the Currency at 76,561,000; circulation per capita, $25.45.

BANKING STATISTICS—*Continued.*

BANKING STATISTICS OF EUROPE.

Countries.	Issue.	Gold.	Silver.	Total.	Ratio of Bullion.	Capital.
Great Britain	$209,000,000	$201,000,000	$6,000,000	$207,000,000	99	$1,420,000,000
France	766,500,000	372,500,000	243 500,000	616,000,000	82	700,000,000
Germany	304,000,000	182,500,000	82,000,000	264,500,000	87	425,000,000
Russia	474,000,000	604,500,000	23,000,000	627,500,000	136	210,000,000
Austria	306,000 000	154,000,000	52,500,000	206,500,000	80	225,000,000
Italy	208,000,000	80,000,000	12,500,000	92,500,000	44	125,000,000
Spain	251,000,000	48,000,000	54,500,000	102,500,000	41	105,000,000
Portugal	71,500,000	5,500,000	9,500,000	15,000,000	21	30,000,000
Sweden	36,500,000	10,500,000	4,000,000	14,500 000	40	45,000,000
Norway	15,500,000	9,000,000	.....	9,000,000	58	25,000,000
Denmark	22,000,000	15,000,000	.....	15,000,000	68	10,000,000
Netherlands	83,500,000	14,000,000	35,000,000	49,000,000	58	70,000,000
Belgium	95,000,000	18,000,000	3,000,000	21,000,000	22	55,000,000
Switzerland	40 000 000	18,500,000	1,500,000	20,000,000	50	30,000,000
Greece	27,000,000	500,000	.....	500,000	62	.....
Roumania	28,500,000	11,000,000	1,000,000	12,000,000	42	.....
Servia	4,500,000	1,000,000	1,500,000	2,500,000	56	.....
Bulgaria	500,000	1,000,000	1,000,000	2,000,000	400	.....
Total	$2,878,000,000	$1,746,500,000	$530,500,000	$2,277,000,000	79	$3,475,000,000

These approximations are by Mulhall, and are for March, 1896, except the statement of capital, which is for 1890.

TRANSACTIONS OF THE NEW YORK CLEARING-HOUSE.

(For fiscal years ending September 30.)

Year.	No. of Banks	Capital.	Clearings.	Balances Paid in Money.	Average Daily Clearings.	Average Daily Balances Paid in Money.	Balances to Clearings
1881	60	$61,162,700	$48,565,818,212	$1,776 018,162	$159,232,191	$5,823,010	3.5
1882	61	60,962,700	46,552,846,161	1,595,000,245	151,637,935	5,195,440	3.4
1883	63	61,162,700	40,293,165,258	1,568,983,196	132,543,307	5,161,129	3.9
1884	61	60,412,700	34,092,037,338	1,524,930,994	111,048,982	4,967,202	4.5
1885	64	58,612,700	25,250,791,440	1,295,355,252	82,789,480	4,247,069	5 1
1886	63	59,312,700	33,374,682,216	1,519,565,385	109,067,589	4,965,900	4.5
1887	64	60,862,700	34,872,848,786	1,569,626,325	114,337,209	5,146,316	4.5
1888	63	60,762,700	30,863,686,609	1,570,198,528	101,192,415	5,148,192	5.1
1889	63	60,762,700	34,796,465,529	1,757,637,473	114,839,820	5,800,784	5.0
1890	64	60,812,700	37,660,686,572	1,753,040,145	123,074,139	5,728,889	4.7
1891	63	60,772,700	34,053,698,770	1,584,635,500	111,651,471	5,195,526	4.6
1892	64	60,422,700	36,279,905,236	1,861,500,575	118,561,782	6,083,335	5.1
1893	64	60,922,700	34,421,380,870	1,696,207,176	113,978,082	5,616,580	4.9
1894	65	61,622,700	24,230,145,368	1,585,241,634	79,704,426	5,254,611	6.5
1895	66	62,622,700	28,264,379,126	1,896,574,349	92,670,095	6,218,276	6.7
1896	65	60,622,700	29,350,894,884	1,843,289,239	96,232,442	6,043,571	6.2
1897	65	59,022,700	31,337,760,948	1,908,901,898	103,434,954	6,300,006	6.0
1898	64	58,272,700	39,853,413,948	2,338,529,016	131,529,419	7,717,918	5.87
1899	64	58,922,700	57,368,230,771	3,085,971,370	189,961,029	10,218,448	5.37

EXCHANGES OF CLEARING-HOUSES OF UNITED STATES CITIES.

Clearing-House at—	Exchanges for Years Ended September 30— 1899.	1898.	1897.	1896.	1895.
New York	$57,368,230,771	$39,853,413,948	$31,337,760,948	$29,350,894,884	$28,264,379,126
Boston	6,784,183,977	5,254,282,134	4,952,927,911	4,554,116,109	4,629,303,920
Chicago	6,368,946,314	5,351,600,239	4,318,121,413	4,538,505,883	4,541,435,624
Philadelphia	4,575,299,372	3,685,831,027	3,106,510,779	3,383,903,806	3,395,864,543
St. Louis	1,608,007,344	1,423,195,100	1,293,701,962	1,182,015,146	1,218,425,682
San Francisco	914,851,684	811,987,041	717,181,089	692,806,487	671,892,105
Baltimore	1,276,120,171	888,166,431	763,189,980	718,899,600	685,004,866
Pittsburgh	1,353,022,951	941,681 039	781,493,326	773,459,833	711,773,043
Cincinnati	709,519,900	649,286,750	607,622,450	603,546,200	653,228,500
Kansas City	622,485,593	165,437,200	531,321,555	509,330,339	507,805,333
New Orleans	442,659,109	445,082,489	420,182,685	327,544,213	451,679,488
Minneapolis	517,797,428	463,010,490	388,603,538	395,656,444	337,201,924
Detroit	398,644,554	341,644,496	292,865,813	310,508,887	338,343,355
Louisville	391,115,296	341,259,026	310,805,180	210,717,076	309,894,324
Other cities	5,578,777,312	5,308,943,359	4,207,965,066	4,425,894,007	4,395,360,095
Total	$88,909,661,776	$65,924,820,769	$54,030,253,695	$51,922,299,114	$51,111,591,928

These Clearing-House returns were prepared for The World Almanac by the manager of the New York Clearing-House.

ESTIMATE OF THE AMOUNT OF UNITED STATES PAPER MONEY THAT WILL NEVER BE PRESENTED FOR REDEMPTION.

Kind.	Total Issued, Including Reissues.	Amount Outstanding.	Estimated Loss.
United States notes	$2,854,525,808	$346,681,016	$5,488,900
Treasury notes of 1890	371,073,000	114,867,280	55,770
Gold certificates	1,506,039,300	38,782,169	207,600
Silver certificates	1,426,790,000	375,479,504	711,800
Currency certificates	1,380,250,000	62,340,000	.....
Summary of United States issues	$7,538,678,108	$938,149,969	$6,464,000
National bank notes	2,064,079,225	230,016,225	6,581,300
Total	$9,602,757,333	$1,168,166,194	$13,045,300

This estimate was made by the Secretary of the Treasury, April 18, 1898.

Statistics of Savings Banks.

NUMBER OF DEPOSITORS, AMOUNT OF DEPOSITS, AND AVERAGE TO EACH DEPOSITOR, 1898-99.

States and Territories.	Number of Depositors.	Amount of Deposits.	Average to Each Depositor.	States and Territories.	Number of Depositors.	Amount of Deposits.	Average to Each Depositor.
Maine	173,309	$62,583,435	$360.69	Louisiana	10,094	$3,105,461	$307.65
N. Hampshire	133,174	52,131,879	391.45	Texas	....	.....	....
Vermont	113,369	36,526,750	322.19	Tennessee	17,678	2,023,686	114.47
Massachusetts	*a* 1,465,950	509,215,854	347.36				
Rhode Island	140,815	70,589,065	501.29	S'thern States	43,068	$8,713,884	$202.32
Connecticut	375,810	163,482,499	435.01				
				Ohio	89,762	38,050,942	423.91
N. Eng. States	2,402,637	$894,529,482	$372.31	Indiana	20,191	5,323,607	263.66
				Illinois	164,216	*b* 50,898,655	309.95
New York	1,865,653	816,144,368	437.45	Wisconsin	2,350	405,196	172.42
New Jersey	*a* 189,674	52,130,644	274.79	Minnesota	46,000	10,864,228	236.18
Pennsylvania	334,178	97,404,243	291.47	Iowa	*a* 132,986	48,147,861	362.05
Delaware	15,641	4,512,769	288.52				
Maryland	166,337	55,564,940	334.05	West'n States	455.505	$153,690,489	$337.41
Dis. of Columbia	.....	.....	....				
				California	*c* 209,908	145,943,163	637.75
Middle States.	2,571,483	$1,025,746,964	$398.89	Utah	5,217	1,742,972	334.00
West Virginia	4,127	324,081	78.53	Pacific States.	215,125	$147,686,135	$636.51
North Carolina	7,604	1,218,319	160.22				
South Carolina	*a* 3,565	2,042,337	572.89	United States.	5,687,818	$2,230,366,954	$392.13

a Partially estimated. *b* Savings deposits in State institutions having savings departments—abstract of report included with State banks. *c* December 31, 1898.

No returns for 1898-99 from the following States and returns for previous years are given: Alabama, 1893-94, depositors, 2,500; amount of deposits, $102,347. Florida, 1894-95, depositors, 1,148; amount of deposits, $205,710. New Mexico, 1894-95, depositors, 217; amount of deposits, $37,951. Washington, 1894-95, depositors, 5,512; amount of deposits, $1,148,104. Oregon, 1895-96, depositors, 1,631; amount of deposits, $972,298. Georgia, 1896-97, depositors, 5,384; amount of deposits, $288,010.

SAVINGS BANKS, DEPOSITORS, AND DEPOSITS IN THE UNITED STATES EVERY TEN YEARS FROM 1820 TO 1890 AND ANNUALLY SINCE.

Year.	Number of Banks.	Number of Depositors.	Deposits.	Year.	Number of Banks.	Number of Depositors.	Deposits.
1820	10	8,635	$1,138,570	1892	1,059	4,781,605	$1,712,769,026
1830	36	38,085	6,973,304	1893	1,030	4,830,599	1,785,150,957
1840	61	78,701	14,051,520	1894	1,024	4,777,687	1,747,961,280
1850	108	251,354	43,431,130	1895	1,017	4,875,519	1,810,597,023
1860	278	693,870	149,277,504	1896	988	5,065,494	1,907,156,277
1870	517	1,630,846	549,874,358	1897	980	5,201,132	1,939,376,035
1880	629	2,335,582	819,106,973	1898	979	5,385,746	2,065,631,298
1890	921	4,258,893	1,524,844,506	1899	942	5,687,818	2,230,366,954
1891	1,011	4,533,217	1,623,079,749				

The above and following tables were compiled from the report of the Comptroller of the Currency.

NUMBER OF DEPOSITORS AND AMOUNT OF DEPOSITS IN EUROPEAN COUNTRIES.

Countries.	Number of Depositors.	Amount of Deposits.	Average Deposit.	Countries.	Number of Depositors.	Amount of Deposits.	Average Deposit.
Austria	3,924,902	$658,921,560	$167.88	Switzerland	1,196,590	$178,799,290	$149.42
Hungary	995,397	226,151,760	227.19	United Kingdom	7,969,826	815,686,750	102.35
Bavaria	665,943	57,638,605	86.55	Australasia	894,879	130,485,880	145.81
Belgium	1,145,408	113,500,080	99.09	Canada	175,500	57,578,975	327.97
Denmark	999,854	165,920,525	165.95	Cape Colony	50,161	8,490 920	169.21
France	8,986,631	829,783,735	92.33	India	653,892	28,413 460	43.60
Italy	4,137,908	331,330,100	80.07	Natal	6,963	861,520	123.01
Netherlands	740,024	43,073,460	58.20	Newfoundland	6,401	2,821,420	440.71
Norway	540,053	60,533,905	112.08	Crown Colonies	114,491	12,275,455	107.22
Prussia	6,255,507	939,757,555	150.23				
Sweden	1,460,858	98,170,720	67.20	Total	40,921,248	$4,593,949,450	$144.21

The computation of the savings deposits of the world shows that they amount to the enormous sum of nearly seven billions of dollars. The depositors in the savings banks of the world, therefore, would now be capable of advancing the amount of the war indemnity which France paid to Germany after 1870 seven times over. The depositors of the United States alone could cover the amount nearly twice over, and those of France, Prussia, and Great Britain could almost cover it from the deposits of either country alone. The Empire of Austria-Hungary ranks third in the amount of savings deposits and fourth in the amount per capita, but the figures for the two divisions of the Empire are separated in the table. These figures cover the deposits of all savings banks in the countries named—the private and stock savings banks as well as the government banks—but they do not include the great deposits in the commercial banks. The figures are made up by the Bureau of Statistics from material taken from the reports of the Comptroller of the Currency.—*Journal of Commerce.*

The Bankruptcy Law.

EXTRACTS FROM THE UNITED STATES BANKRUPTCY ACT OF JULY 1, 1898.

SEC. 4. WHO MAY BECOME BANKRUPTS.—(*a*) Any person who owes debts, except a corporation, shall be entitled to the benefits of this act as a voluntary bankrupt.

(*b*) Any natural person (except a wage-earner or a person engaged chiefly in farming or the tillage of the soil), any unincorporated company, and any corporation engaged principally in manufacturing, trading, printing, publishing, or mercantile pursuits, owing debts to the amount of one thousand dollars or over, may be adjudged an involuntary bankrupt upon default or an impartial trial, and shall be subject to the provisions and entitled to the benefits of this act. Private bankers, but not national banks or banks incorporated under State or Territorial laws, may be adjudged involuntary bankrupts.

SEC. 7. DUTIES OF BANKRUPTS.—(*a*) The bankrupt shall (1) attend the first meeting of his creditors, if directed by the court or a judge thereof to do so, and the hearing upon his application for a discharge, if filed; (2) comply with all lawful orders of the court; (3) examine the correctness of all proofs of claims filed against his estate; (4) execute and deliver such papers as shall be ordered by the court; (5) execute to his trustee transfers of all his property in foreign countries; (6) immediately inform his trustee of any attempt, by his creditors or other persons, to evade the provisions of this act, coming to his knowledge; (7) in case of any person having to his knowledge proved a false claim against his estate, disclose that fact immediately to his trustee; (8) prepare, make oath to, and file in court within ten days, unless further time is granted, after the adjudication if an involuntary bankrupt, and with the petition if a voluntary bankrupt, a schedule of his property, showing the amount and kind of property, the location thereof, its money value in detail, and a list of his creditors, showing their residences, if known (if unknown that fact to be stated), the amount due each of them, the consideration thereof, the security held by them, if any, and a claim for such exemptions as he may be entitled to, all in triplicate; one copy of each for the clerk, one for the referee, and one for the trustee; and (9) when present at the first meeting of his creditors, and at such other times as the court shall order, submit to an examination concerning the conducting of his business, the cause of his bankruptcy, his dealings with his creditors and other persons, the amount, kind, and whereabouts of his property, and, in addition, all matters which may affect the administration and settlement of his estate; but no testimony given by him shall be offered in evidence against him in any criminal proceedings.

Provided, however, that he shall not be required to attend a meeting of his creditors, or at or for an examination at a place more than one hundred and fifty miles distant from his home or principal place of business, or to examine claims except when presented to him, unless ordered by the court, or a judge thereof, for cause shown, and the bankrupt shall be paid his actual expenses from the estate when examined or required to attend at any place other than the city, town, or village of his residence.

FAILURES IN THE UNITED STATES.

	Number.*		Liabilities.*		Yearly Failures.		
	1899.	1898.	1899.	1898.	Year.	No.	Liabilities.
					1857....	4,932	$291,750,000
					1858....	4,225	95,749,000
MANUFACTURERS.					1859....	3,913	64,394,000
Iron, foundries, and nails	19	63	$1,205,577	$1,728,927	1860....	3,676	79,807,000
Machinery and tools	133	220	2,684,121	7,731,876	1861....	6,993	207,210,000
Woollens, carpets, and knit goods.	29	48	3,668,760	4,090,700	1862....	1,652	23,049,000
Cottons, lace, and hosiery	15	26	421,909	2,011,273	1863....	495	7,899,900
Lumber, carpenters, and coopers..	365	342	5,277,356	6,459 621	1864....	520	8,579,000
Clothing and millinery	233	246	3,505,470	2,488 398	1865....	530	17,625,000
Hats, gloves, and furs	29	48	283,190	779,930	1866....	1,505	53,783,000
Chemicals, drugs, and paints	40	67	955,567	2,706,056	1867....	2,780	96,666,000
Printing and engraving	143	168	1,385,752	2,380 215	1868....	2,608	63,694,000
Milling and bakers	121	143	1,395,932	1,121,178	1869 ...	2,799	75,054,054
Leather, shoes, and harness	103	134	1,658,472	3,449,574	1870....	3,546	88,242,000
Liquors and tobacco	91	99	2,514,632	2,251,631	1871....	2,915	85,252,000
Glass, earthenware, and bricks	43	72	967 959	1,383,486	1872....	4,069	121,056,000
All other	620	800	7,788,561	18,055,413	1873....	5,183	228,499,900
					1874....	5,830	155,239,000
Total manufacturing	1,984	2,475	$33,713,258	$56,639,628	1875....	7,740	201,000,000
					1876....	9,092	191,117,000
TRADERS.					1877....	8,872	190,669,936
General stores	1,238	1,502	7,507,244	8,604,856	1878....	10,478	234,383,132
Groceries, meats, and fish	1,884	2,481	6,937,227	8,348,191	1879....	6,658	98,149,053
Hotels and restaurants	364	355	2,986,400	2,113,883	1880....	4,735	65,752,000
Liquors and tobacco	791	943	3,541,331	3,710,686	1881....	5,582	81,155,932
Clothing and furnishing	533	777	4,082,338	6,595,620	1882....	6,738	101,547,564
Dry good and carpets	411	568	4,770,598	8,211,001	1883....	9,184	172,874,172
Shoes, rubbers and trunks	322	516	2,372,296	4,350,216	1884....	10,968	226,343,427
Furniture and crockery	186	288	1,734,537	2,295,819	1885....	10,637	124,220,321
Hardware, stoves, and tools	244	385	1,669,310	3,624,012	1886....	9,834	114,644,119
Drugs and paints	342	448	1,751,758	1,894,433	1887....	9,634	167,560,944
Jewelry and clocks	139	171	776,417	1,586,087	1888	10,679	123,829,973
Books and papers	57	118	411,716	824,757	1889....	10,882	148,784,337
Hats, furs, and gloves	30	62	318,613	1,539,649	1890....	10,907	189,856,964
All other	859	1,174	7,098,755	9,921,086	1891	12,273	189,868,638
					1892....	10,344	114,044,167
Total trading	7,400	9 788	$45,958,540	$63,620,216	1893....	15,242	346,779,889
					1894....	13,885	172,992,856
Brokers and transporters	316	306	9,620,952	10,376,952	1895....	13,197	173,196,060
					1896....	15,088	226,096,834
Total commercial	9,700	12,569	$89,292,750	$130,636,796	1897....	13,351	154 332,071
					1898....	12,186	130,662,899
Banking	52	80	$11,755,716	$18,395,094	1899*..	9,700	89,142,750

*Twelve months, from December 1, preceding year, to November 30. Other years calendar years. These statistics were prepared for THE WORLD ALMANAC by R. G. Dun & Co.

Life Insurance Statistics.

CONDITION OF REGULAR LEVEL PREMIUM COMPANIES JANUARY 1, 1899, AND BUSINESS THE PRECEDING YEAR.*

No. of Cos.	Assets.	Premiums Received.	Total Income.	Payments to Policyholders (Losses, Dividends, Surrenders, etc.)	Total Expenditures.	New Policies Issued.		Policies in Force.	
						No.	Amount.	No.	Amount.
60	$1,462,651,318	$257,655,158	$325,452,134	$146,704,582	$222,518,788	3,587,991	$1,431,809,914	11,218,330	$6,825,037,770

CONDITION AND BUSINESS OF ASSESSMENT COMPANIES AND ORDERS.†

No. of Cos.	Assets.	Assessments Collected.	Total Income.	Payments to Policyholders	Total Expenditures.	Membership.	Insurance in Force.	
						Admitted During the Year.	No. of Members.	Amount.
650	$62,577,511	$95,932,964	$103,831,589	$73,030,497	$102,315,726	978,234	4,039,062	$7,799,428,000

*Including industrial policies. †According to the report made at the annual meeting of Mutual Benefit Life Associations, at Saratoga Springs, N. Y., June, 1897. It includes the returns of the fraternal orders, and is the latest. There were no returns made since that time, and the assessment business has meanwhile materially declined.

The returns of life insurance in the first and third tables are from "The Insurance Year-Book," published by The Spectator Company.

INCOME AND DISBURSEMENTS FOR TWENTY YEARS.

The following table shows the receipts and disbursements of the "old-line" life insurance companies reporting to the New York Insurance Department for twenty years:

Year Ending Dec. 31.	No. of Companies.	Total Income.	Total Payments for Losses, Endowments, and Annuities.	Total Payments for Lapsed, Surrendered, and Purchased Policies.	Total Dividends to Policyholders.	Total Payments to Policyholders.	Taxes, Commissions, and other Expenses.	Total Disbursements.
1879....	34	$77,700,403	$31,684,522	$12,207,823	$13,479,613	$57,371,958	$11,208,133	$68,858,363
1880....	34	77,403,445	30,032,174	9,923 026	13,171,992	53,127,192	12,851,312	66,317,859
1881....	30	79,820,513	31,068,144	8,497,354	12,579,151	52,144,649	13,089,414	65,484,687
1882....	30	85,070,134	29,826,874	9,255,077	13,555,105	52,637 056	13,338,788	66,242,344
1883....	29	92,562,763	33,894,306	8,837,557	13,417,464	56,149,627	15,295,264	71,743,558
1884....	29	96,974,376	35,602,544	9,503,530	13,043,498	58,149,572	18,153,435	76,632,098
1885....	29	105,527,865	38,624,822	9,630,269	12,963,660	61,218,751	18,715,267	80,259,549
1886....	29	116,961,315	38,276,390	9,433,379	13,218,286	60,928,054	21,066,540	82,319,096
1887....	29	130,557,526	42,827,054	10,413,379	14,852,624	68,003,557	25,031,101	93,447,289
1888....	30	147,024,431	43,568,964	11,234,569	14,324,827	74,129,360	27,905,878	103,369,145
1889....	30	168,184,699	53,081,834	12,240,142	13,951,069	79,273,667	34,898,168	114,503,360
1890....	30	187,424,959	58,606 615	13,827,225	14,371,501	86 707,341	39,616,782	126,653,530
1891....	29	201,931,425	62,731,497	16,230,891	13,991,226	92,953,614	42,350,372	135,792,048
1892....	31	223,024,998	72,576,866	15,658,759	14,386,195	102,621,820	49,665,730	152,890,323
1893....	32	235,683,206	75,903,820	19,839,418	14 823,176	110,566,414	55,205,336	166,512,254
1894....	33	256,624,478	78,313,162	23,164,108	14,577,455	116,054,725	61,073,545	177,863,333
1895....	35	266,897,200	84,791,622	22,889,493	15,297,644	122,978,718	62,052,872	185,772,902
1896....	36	279,373,107	90,146,264	26,368,039	17,083,169	134,219,515	64,160 732	199,173,299
1897....	35	301,268,179	92,688,307	26,431,312	18,425,197	137,544,815	67,582,025	205,856,394
1898....	35	320,306,169	98,465,681	26,436,307	19,694,634	144,566,622	72,667,590	218,063,363

Total assets of the 35 companies last reported, $1,450,555,708, surplus as to policyholders, $211,156,246.

ASSETS OF AND AMOUNT INSURED BY THE PRINCIPAL AMERICAN COMPANIES JANUARY 1, 1899.

Companies.	Insurance in Force.	Gross Assets.	Companies.	Insurance in Force.	Gross Assets.
Equitable, N. Y.....	$987,157,134	$257,790,512	Massachusetts Mutual.....	$115,678,483	$22,035,448
Mutual, N. Y.....	970,496,975	277,573,348	Bankers' Life, Iowa†.....	114,868,000	3,107,158
New York, N. Y.....	944,021,120	215,944,811	New England Mutual.....	110,281,154	28,109,074
Metropolitan, N. Y.*.....	666,210,715	43,495,931	Travelers', Ct.	97,352,821	20,787,113
Northwestern Mutual, Wis.	457,712,738	115,493,700	Provident Savings L., N. Y.	92,592,137	2,708,428
Prudential, N. J.*.....	414,548,837	28,887,196	Hartford Life, Ct.....	85,774,005	2,832,027
Mutual Reserve, N. Y.†.....	269,169,321	3,450,720	National, Vt.	80 656,558	16,131,263
Mutual Benefit, N. J.....	244,575,582	67,098,746	Germania, N. Y.....	76,133,103	25,211,910
John Hancock Mut., Mass.*	167,138,344	12,488,177	Fidelity Mutual, Pa.....	75,045,844	2,209,790
Penn Mutual, Pa.....	165,524,262	35,503,118	State Mutual Life, Mass.	69,517,218	14,735,178
Connecticut Mutual, Ct.....	158,078,850	64,193,295	Covenant Mutual, Ill.†.....	58,838,000	465,852
Ætna, Ct.....	157,392,932	50,218,937	Manhattan Life, N. Y.....	57,166,445	15,322,561
Provident Life & Trust, Pa..	122,735,550	37,395,017	Northwestern Life, Chic. †..	54,828,400	1,141,236
Union Central, Ohio	120,573,677	20,816,240	Washington Life, N. Y..	52,311,363	15,034,951

LIFE INSURANCE IN VARIOUS COUNTRIES.‡

Countries.	Insurance in Force.	Year's Premiums.	Year's Losses.	Countries.	Insurance in Force.	Year's Premiums.	Year's Losses.
United States§.	$14,125,548,072	$339,280,913	$165,718,804	Austria	$370,621,530	$14,613,420	$4,098,025
Great Britain .	3,290,521,720	126,458,455	78,496,735	Scandinavia . .	128,213,755	4,365,360	1,147,995
Germany	1,320,163,685	50,313,925	16,767,830	Russia	47,925,979	1,757,681	684,707
France.....	695,231,550	40,551,080	10,647,060	Switzerland	70,390,250	3,025,100	1,170,225

*Includes industrial business. †Assessment or partial companies. ‡From most recent reports. §Including assessment business ($7,799,428,000 insurance in force), on which no part of the future premium is collected in advance.

Fire Insurance Statistics.

CONDITION AND TRANSACTIONS OF COMPANIES DOING BUSINESS IN THE UNITED STATES JANUARY 1, 1898.

Number of Companies.	Capital.	Assets Exclusive of Premium Notes.	Net Surplus.	Cash Premiums Received during Year.	Total Cash Income during Year.
321 Stock..... 183 Mutual.....	$73,229,136	$400,551,757	$164,102,530	$161,730,957	$178,320,217

Number of Companies.	Paid for Losses during Year.	Paid for Dividends during Year.	Expenses other than Losses and Dividends during Year	Total Disbursements during Year.	Risks Written during Year.
324 Stock ..... 205 Mutual.....	$90,051,512	$15,658,862	$58,568,135	$165,178,509	*$16,500,000,000

* Approximation. These statistics of fire insurance business in the United States are, with the exception of the estimate of risks written during the year, compiled from "The Insurance Year-Book," published by The Spectator Company. They do not include the returns of a few stock companies and some 600 mutuals and town and county mutuals, whose transactions are purely local and individually of small volume.

CONDITION OF THE PRINCIPAL JOINT-STOCK COMPANIES DOING BUSINESS IN THE UNITED STATES JANUARY 1, 1899.*

Companies.	Gross Assets.	Capital.	Net Surplus.	Companies.	Gross Assets.	Capital	Net Surplus.
Ætna, Ct	$12,627,621	$4,000,000	$4,808,847	Northwestern Nat'l, Wis	$2,690,394	$600,000	$756,347
Home, New York	12,161,165	3,000,000	4,427,802	Palatine, England	2,653,829	†200,000	950,288
Hartford Fire	11,255,660	1,250,000	4,458,911	Milwau. Mechanics', Wis	2,599,788	200,000	1,482,719
Ins. Co. of N. America.	10,206,489	3,000,000	2,526,556	Orient, Ct	2,594,839	500,000	814,045
Liverp., London & Globe	9,703,582	†200,000	4,845,916	Northern, England	2,565,145	†200,000	1,470,077
Continental, New York.	9,077,114	1,000,000	3,479,235	St. Paul F. & M., Minn.	2,523,988	500,000	784,889
German-American, N. Y	8,167,444	1,000,000	3,922,009	Firemen's, N. J	2,411,611	1,000,000	1,057,715
Royal, England	7,171,970	†200,000	2,308,575	Lancashire, England	2,390,390	†200,000	583,331
Fire Association, Pa.	6,430,863	500,000	1,355,113	Norwich Union, England	2,356,612	†200,000	986,978
Phenix, New York	5,816,560	1,000,000	1,520,709	Agricultural, N. Y	2,291,568	500,000	525,893
Phœnix, Ct	5,563,232	2,000,000	1,174,349	Providence Wash'n, R.I.	2,134,728	500,000	501,593
Pennsylvania Fire.	5,227,336	400,000	2,297,463	Traders', Ill	2,133,943	500,000	980,162
Springfield F. & M.	4,774,658	1,500,000	1,596,566	Girard F. & M., Pa.	2,078,169	300,000	729,668
Germania, N. Y	4,713,945	1,000,000	2,093,713	Caledonian, Scotland	2,001,016	†200,000	881,780
Queen, New York	4,668,341	500,000	2,323,975	Williamsburgh City Fire.	1,966,905	250,000	1,086,798
National, Ct.	4,642,500	1,000,000	1,529,708	Buffalo German, N. Y	1,950,560	200,000	1,439,551
N. British & Mercantile.	4,348,565	†200,000	2,049,616	Imperial, England	1,941,056	†200,000	920,973
Scottish Union & Nat'l.	4,200,127	†200,000	1,986,240	American Central, Mo.	1,861,941	600,000	486,072
Fireman's Fund, Cal.	3,902,970	1,000,000	1,361,730	Manchester, Eng.	1,794,963	†200,000	584,172
Connecticut Fire.	3,780,000	1,000,000	1,112,546	London Assurance, Eng.	1,716,701	†200,000	850,261
Commercial Union, Eng.	3,772,794	†200,000	1,580,877	Merchants', N. J	1,700,157	400,000	400,345
German, Freeport, Ill.	3,464,967	200,000	1,379,725	Western, Canada	1,684,871	†200,000	634,207
Glens Falls, N. Y	3,216,552	200,000	2,051,385	Greenwich, N. Y	1,624,758	200,000	443,409
Franklin Fire, Pa.	3,188,252	400,000	1,150,156	Delaware, Pa	1,620,273	702,875	175,727
Phœnix, England	3,164,605	†200,000	1,357,683	Hamburg Bremen, Ger.	1,600,632	†200,000	707,500
New Hampshire Fire	3,163,880	1,000,000	946,783	Spring Garden, Pa.	1,581,104	400,000	151,757
Hanover, N. Y.	3,076,292	1,000,000	705,711	United Firemen's, Pa.	1,532,554	300,000	251,368
American, N. J	3,009,952	600,000	1,816,872	Union Assurance, Eng.	1,445,242	†200,000	793,698
London & Lancashire	2,876,843	†200,000	1,078,370	Eagle Fire, New York	1,350,956	300,000	809,300
Niagara Fire, N. Y.	2,788,741	500,000	771,777	Rockford, Ill	1,317,348	200,000	168,526
Westchester, N. Y.	2,727,143	300,000	1,134,520	Detroit F. & M.	1,307,257	500,000	615,889
Sun, England	2,724,972	†200,000	1,075,537	British America, Canada	1,271,431	†200,000	517,429
American Fire, Pa.	2,710,728	500,000	504,733	American Fire, N. Y.	1,245,759	400,000	368,728

* Annual statements of the fire insurance companies are rendered to the insurance departments during the month of January; therefore the statistics of condition in 1899 were not ready when this publication went to press.

† The New York law requires a deposit of $200,000 from foreign companies with the insurance department. This is treated by the department as "deposit capital," and the surplus stated in the next column is "surplus beyond deposit capital" and other liabilities.

ANNUAL PROPERTY LOSSES IN THE UNITED STATES BY FIRES—1875-98.

Years.	Aggregate Property Loss.	Aggregate Insurance Loss.	Years.	Aggregate Property Loss.	Aggregate Insurance Loss.
1875	$78,102,285	$39,325,400	1889	$123,046,833	$73,679,465
1876	64,630,600	34,374,500	1890	108,993,792	65,015,465
1877	68,265,800	27,398,900	1891	143,764,967	90,576,918
1878	64,315,900	36,575,900	1892	151,516,098	93,511,936
1879	77,703,700	44,464,700	1893	167,544,370	105,994,577
1880	74,643,400	42,525,000	1894	140,006,484	89,574,699
1881	81,280,900	44,641,900	1895	142,110,233	84,689,030
1882	84,505,024	48,875,131	1896	118,737,420	73,903,800
1883	100,149,228	54,808,664	1897	116,354,570	66,722,140
1884	110,008,611	60,679,818	1898	130,593 905	73,796,080
1885	102,818,796	57,430,789	1899	*115,400,000	*65,000,000
1886	104,924,750	60,506,567			
1887	120,283,055	69,659,508	Total 25 years	$2,700,586,386	$1,577,698,528
1888	110,885,665	63,965,724			

* Estimated.

The figures in the last table, from 1875 to 1898, inclusive, are taken from the *Chronicle* Fire Tables.

The Fleet of Transatlantic Passenger Steamers.

Includes only regular passenger lines from New York.

Steamships.	Built. Year.	Built. Place.	Builders.	Tonnage. Net.	Tonnage. Gross.	Horse Power. Indicated.	Horse Power. Registered.	Commander.	Dimensions in Feet. Length.	Dimensions in Feet. Breadth.	Dimensions in Feet. Depth.
NEW YORK AND GLASGOW, Pier foot W. 21st St.			ALLAN-STATE LINE. (Office, 53 Broadway.)					STATE LINE ESTABLISHED 1872.			
State of Nebraska.	1880	Glasgow	Lond. & Gl'gowCo., Ld	2580	4000	..	650	Perry	385	43	32
Laurentian	1872	Glasgow	Lond. & Gl'gowCo., Ld	...	4522	..	..	Vipond	400	42.5	35.3
NEW YORK AND SOUTHAMPTON, Pier foot Fulton St., N. R.			AMERICAN LINE. (Office, 73 Broadway.)					ESTABLISHED 1892.			
St. Louis	1894	Philadelphia	Wm. Cramp & Sons	5894	11629	20000	..	Passow	535.8	63	42
St. Paul	1894	Philadelphia	Wm. Cramp & Sons	5874	11629	20000	..	Jamison	535.8	63	42
Paris	1889	Glasgow	J. & G. Thomson	6289	10795	20000	2000	.....	580	63.3	42
New York	1888	Glasgow	J. & G. Thomson	6318	10803	20000	2000	Roberts	580	63.3	42
NEW YORK AND GLASGOW, Pier foot W. 24th St.			ANCHOR LINE. (Office, 17 Broadway.)					ESTABLISHED 1852.			
City of Rome	1881	Barrow	Barrow S. B. Co.	3453	8144	..	1500	Young	561	53	37
Anchoria	1874	Barrow	Barrow S. B. Co.	2713	4168	..	617	John Wilson.	408	40	34
Ethiopia	1873	Glasgow	A. Stephen & Son	2604	4005	..	720	Wadsworth.	402	42	25
Furnessia	1880	Barrow	Barrow S. B. Co.	2613	5495	..	600	Harris	445	45	35
NEW YORK, QUEENSTOWN, AND LIVERPOOL, Pier foot Clarkson St.			CUNARD LINE. (Office, 29 Broadway.)					ESTABLISHED 1840. *26,500 registered.			
Campania	1892	Fairfield	Fairfield Co.	5000	12950	30000	*	Walker	620	65.3	43
Lucania	1892	Fairfield	Fairfield Co.	5000	12950	30000	*	H. McKay	620	65.3	43
Etruria	1885	Fairfield	John Elder & Co.	3257	7718	14500	2500	Ferguson	501.6	57.2	38.2
Umbria	1884	Fairfield	John Elder & Co.	3245	7718	14500	2500	Dutton	501.6	57.2	38.2
Aurania	1883	Glasgow	J. & G. Thomson	4029	7268	8500	1500	A. McKay	470	57.2	37.2
Servia	1881	Glasgow	J. & G. Thomson	3971	7391	10000	1000	Watt	515	52.1	37
NEW YORK AND HAVRE, Pier foot Morton St.			FRENCH LINE. (Office, 32 Broadway.)					ESTABLISHED 1860.			
La Touraine	1890	St. Nazaire	CieGleTransatlan'que	..	9778	12000	..	Santelli	536	55	38
La Gascogne	1886	Toulon	Soc. des Forges, etc.	4158	7416	9000	..	Simon	508	52	38
La Champagne	1886	St. Nazaire	CieGleTransatlan'que	3906	7110	9000	..	Fajolle	508	51	38
La Bretagne	1886	St. Nazaire	CieGleTransatlan'que	3889	7010	9000	..	Alix	508	51	38
La Normandie	1882	Barrow, Eng.	.....	3475	6112	6500	..	Poncelet	459	50	34
L'Aquitaine	1890	Glasgow	Fairfield S. B. Co.	..	10000	16000	..	Poirot	520	58	38
La Lorraine	1899	St. Nazaire	CieGleTransatlan'que	..	12000	22000	..	.....	570	60	40
La Savoie (B'ld'g)	..	St. Nazaire	CieGleTransatlan'que	..	12000	22000	..	.....	570	60	40
NEW YORK, PLYMOUTH, CHERBOURG, SOUTHAMPTON, BOULOGNE, AND HAMBURG, Pier foot 1st St., Hoboken.			HAMBURG-AMERICAN LINE. (Office, 37 Broadway.)					ESTABLISHED 1847.			
Deutschland	1900	Stettin	Vulcan S. B. Co.	..	16000	33000	..	Albers	686½	67½	44
Fürst Bismarck	1890	Stettin	Vulcan S. B. Co.	..	10000	16400	2800	Barends	520	58	40
Augusta Victoria	1889	Stettin	Vulcan S. B. Co.	..	10000	13500	2500	Kaempff	520	56	38
Columbia	1889	Birkenhead	Laird Bros.	..	8000	13500	..	Vogelgesang	465	56	38
Kaiser Friedrich	1898	Dantzig	Schichau S. B. Co.	..	12500	17000	..	.....	600	64	44
Pennsylvania	1897	Belfast	Harland & Wolff	..	12500	6000	..	Spliedt	560	62	42
Pretoria	1897	Hamburg	Blohm & Voss	..	12500	6000	..	Karlowa	560	62	42
Graf Waldersee	1897	Hamburg	Blohm & Voss	..	13000	6000	..	Kopff	565	62	42
Patricia	1897	Stettin	Vulcan S. B. Co.	..	13000	6000	..	Bauer	565	62	42
Palatia	1894	Stettin	Vulcan S. B. Co.	..	8000	5500	..	Ressing	460	52	32
Phoenicia	1894	Hamburg	Blohm & Voss	..	8000	5500	..	Leithauser	460	52	32
Armenia	1896	Newcastle	Palmers	..	7000	3000	..	Magin	400	50	30
Arcadia	1896	Belfast	Harland & Wolff	..	7000	3000	..	Martens	400	49	30
Arabia	1896	Belfast	Harland & Wolff	..	7000	3000	..	Pietsch	400	49	30
Asturia	1896	Newcastle	Palmers	..	7000	3000	..	Kuhn	390	53	29
Andalusia	1896	Newcastle	Palmers	..	7000	3000	..	.....	400	50	30
Adria	1896	Newcastle	Palmers	..	7000	3000	..	Reuter	400	50	30
Ambria	1896	Flensburg	Flensburg S. B. Co.	..	5043	5000	..	Froehlich	404	32	25
Alesia	1896	Flensburg	Flensburg S. B. Co.	..	5060	5000	..	Krech	404	32	25
Aragonia	1896	Flensburg	Flensburg S. B. Co.	..	5250	5000	..	H. Schmidt	404	32	25
Bulgaria	1898	Hamburg	Blohm & Voss	..	10236	4000	..	Hahn	501	62	34½
Brasilia	1898	Belfast	Harland & Wolff	..	10221	4000	..	Schroeder	501	62	34½
Belgravia	1899	Hamburg	Blohm & Voss	..	10960	4000	..	.....	501	62	35
Batavia	1899	Hamburg	Blohm & Voss	..	10960	4000	..	.....	501	62	35
NEW YORK, BOULOGNE, AMSTERDAM, AND ROTTERDAM, Piers foot 5th and 6th Sts., Hoboken.			HOLLAND-AMERICA LINE. NETHERLANDS-AMERICAN LINE. (Office, 39 Broadway.)					ESTABLISHED 1874.			
Rotterdam	1897	Belfast	Harland & Wolff	5000	8000	..	5000	Potjer	485	53	34
Spaarndam	1881	Belfast	Harland & Wolff	3123	4539	..	3500	Stenger	430	42	31
Maasdam	1872	Belfast	Harland & Wolff	2702	3984	..	3500	Bakker	420	41	31
Werkendam	1881	Belfast	Harland & Wolff	2654	3657	..	2500	Bruinsma	410	39	29
Amsterdam	1879	Belfast	Harland & Wolff	2681	3627	..	2500	Roggereers	411	39	29
Statendam	1898	Belfast	Harland & Wolff	7000	10500	..	5500	Van der Zee	525	60	42
Potsdam (B'lding)	..	Hamburg	Blohm & Voss	..	12500	..	..	Bonjer	555	..	..
Ryndam (B'lding)	..	Belfast	Harland & Wolff	..	12500	..	..	.....	555	..	..
Noordam (B'ld'g)	..	Belfast	Harland & Wolff	..	12500	..	..	.....	555	..	..

Steamships.	Built. Year.	Built. Place.	Builders.	Tonnage. Net.	Tonnage. Gross.	Horse Power. Indicated.	Horse Power. Registered.	Commander.	Dimensions in Feet. Length.	Dimensions in Feet. Breadth.	Dimensions in Feet. Depth.
NEW YORK, CHERBOURG, SOUTHAMPTON, AND BREMEN, Pier 2d St., Hoboken.			NORTH GERMAN LLOYD. (Office, 5 Broadway.)								ESTABLISHED 1857.
Kaiser Wilhelm Der Grosse	1897	Stettin	Vulcan S. B. Co	..	12800	27000	...	Englehart	649	66	43
Kaiserin Maria Th.	1898	Stettin	Vulcan S. B. Co	3769	7800	17000	...	Meier	546	52	37
Lahn	1887	Fairfield	Fairfield E. & S. B. Co.	2879	5581	8800	...	Pohle	464	49	37
Saale	1886	Glasgow	Elder & Co	2779	5381	7500	...	Mirow	455	48	36
Trave	1886	Glasgow	Elder & Co	2779	5831	7500	...	Christoffers	455	48	36
Friedrich d. Grosse	1896	Stettin	Vulcan S. B. Co	..	10500	7000	...	Eichel	546	60	35
Königin Luise	1896	Stettin	Vulcan S. B. Co	..	10500	7000	...	.....	544	60	35
Barbarossa	1896	Hamburg	Blohm & Voss	..	10500	7000	...	Richter	546	60	35
Bremen	1896	Dantzic	Schichau S. B. Co	..	10500	8000	...	Reimkasten	544	60	35
H. H. Meier	1892	Newcastle	Mitchell, A'strong Co.	..	5306	3800	...	Steencken	481	48	29
Grosser Kurfürst	1900	Dantzic	F. Schichau	..	12200	8000	...	.....	581½	62	39
Rhein	1899	Hamburg	Blohm & Voss	..	10200	5000	...	.....	520	58	40
Main	1900	Hamburg	Blohm & Voss	..	10200	5000	...	.....	520	58	40
NEW YORK AND GENOA, Pier foot 2d St., Hoboken.			NORTH GERMAN LLOYD. (Office, 5 Broadway.)								ESTABLISHED 1892.
Kaiser Wilhelm II	1888	Stettin	Vulcan S. B. Co	4776	6990	6500	...	Hogemann	465	52	27
Aller	1886	Glasgow	Elder & Co	2779	5581	7500	...	Nierich	455	48	36
Ems	1884	Glasgow	Elder & Co	2893	5192	7000	...	Harrassowitz	445	47	35
Werra	1882	Glasgow	Elder & Co	..	4815	6300	...	Weyer	445	46	36
NEW YORK AND ANTWERP, Pier foot Fulton St., N. R.			RED STAR LINE. (Office, 73 Broadway.)								ESTABLISHED 1873.
Friesland	1889	Glasgow	J. & G. Thomson	5023	6824	...	800	Nickels	455	51	38
Westernland	1883	Birkenhead	Laird Bros	4320	5994	...	700	Mills	455	47	35
Noordland	1883	Birkenhead	Laird Bros	4019	5398	...	500	Loesewitz	419	47	35
Southwark	1893	Dumbarton	W. Denny & Bros	5642	8607	...	1237	Bence	494	57	37
Kensington	1894	Glasgow	J. & G. Thomson	5645	8669	...	1237	Albrecht	494	57	37
NEW YORK, CHRISTIANIA, COPENHAGEN, AND STETTIN, Pier foot 4th St., Hoboken.			SCANDINAVIAN-AMERICAN LINE. (Office, 28 State St.)								ESTABLISHED 1879.
Hekla	1884	Greenock	Scott & Co	..	3258	2150	..	Thomsen	333	41	29
Island	1882	Copenhagen	Burmeister & Wain	..	2844	2000	..	Skjödt	324	39	29
Norge	1881	Glasgow	Stephens & Son	..	3359	1600	..	Knudsen	340	41	32
Thingvalla	1874	Copenhagen	Burmeister & Wain	..	2524	1000	..	Laub	301	37	21
NEW YORK, QUEENSTOWN, AND LIVERPOOL, Pier foot W. 10th St.			WHITE STAR LINE. (Office, 9 Broadway.)								ESTABLISHED 1870.
Teutonic	1889	Belfast	Harland & Wolff	4269	9984	16000	1875	McKinstry	585	57	39
Majestic	1889	Belfast	Harland & Wolff	4269	9965	16000	1875	E. J. Smith	585	57	39
Britannic	1874	Belfast	Harland & Wolff	3152	5004	4590	890	Hayes	465	45	33
Germanic	1874	Belfast	Harland & Wolff	2989	5065	4500	765	Haddock	465	45	34
Cymric	1898	Belfast	Harland & Wolff	8123	12551	6700	1197	Lindsay	600	64	38
Oceanic	1899	Belfast	Harland & Wolff	7930	17040	27000	4130	Cameron	704	68	44
NEW YORK AND HULL, Wilson Pier, foot Bethune St., N. R.			WILSON LINE. (Office, 29 Broadway. After May 1, 1900, 22 State St.)								ESTABLISHED 1840.
Buffalo	1885	Newcastle	Palmers	2909	4431	..	600	Malet	385	46	28
Ohio	1880	Dumbarton	A. McMillan & Sons	2557	3967	..	450	Akester	360	43	25
Colorado	1887	Hull	Earles	2787	4220	..	600	Whitton	370	45	28
Martello	1884	Hull	Earles	2424	3709	..	550	Potter	370	43	28
Hindoo	1889	Newcastle	R. Stephenson & Co. Ld	2407	3720	..	500	Wing	368	43	28
Idaho	1897	Wallsend	Swan & Hunter	4000	6000	..	..	.....	470	50	42
Galileo	1881	Hull	Earles	1950	3008	..	306	Clark	350	41	27
Ontario	1881	Dumbarton	McMillan	2634	4008	..	339	Hubey	360	43	24

PASSENGERS LANDED AT NEW YORK BY PRINCIPAL LINES.

	1898. Cabin	1898. Steerage.	1897. Cabin	1897. Steerage.	1896. Cabin	1896. Steerage.		1898. Cabin	1898. Steerage.	1897. Cabin	1897. Steerage.	1896. Cabin	1896. Steerage.
North German Lloyd	17,894	53,223	15,196	40,415	13,555	54,180	Red Star (Antwerp)	3,881	11,984	4,493	10,557	4,750	13,517
Cunard	16,692	20,468	15,196	17,303	17,999	20,681	Holland-America	3,365	14,273	2,871	10,503	4,350	10,809
Hamburg-American	8,056	20,092	10,896	17,323	16,371	44,572	Thingvalla (Copenhagen)	679	2,661	860	3,201	986	5,231
White Star	10,332	20,764	10,104	19,271	11,607	21,220	Allan-State (Glasgow)	1,844	1,128	1,823	1,050	2,260	1,464
Anchor (Glasgow)	5,080	4,177	6,478	19,372	6,979	24,287	Anchor (Mediterranean)	19	15,588	..	..	..	..
American	5,037	5,819	14,443	11,322	16,859	12,830	Atlantic Trans. (London)	1,872	..	1,820	..	..	..
French	5,203	15,511	6,014	14,264	6,547	17,371	Other steamer lines*	678	29,878	..	..	..	..

*Prince, Fabre, and Hamburg-American lines from Mediterranean Ports.

TIME AND DISTANCE REQUIRED TO STOP STEAMERS.

The following calculations as to the length of time and distance required to stop a steam vessel going full speed ahead when the propelling machinery is reversed were made for London *Engineer:*

	Displacement.	Horse Power.	Speed.	Distance. Feet.	Time. Seconds.
Etruria (Cunard)	9,680	14,321	20.18	2,464	157
Lepanto (Italian)	4,680	15,040	18	2,522	192
Columbia (U. S.)	7,350	17,991	22.8	2,147	135
Yorktown (U. S.)	1,700	3,205	16.14	989	83.9
Bancroft (U. S.)	832	1,170	14.52	965	91
Cushing (U. S.)	105	1,754	22.48	301	18.4
Wiborg (Russian)	138	1,303	19.96	373	25.6

Fastest Atlantic Ocean Passages.

Route.	*Steamer.*	*Line.*	*Date.*	*D.*	*H.*	*M.*
Queenstown to New York	Lucania	Cunard	Oct. 21-26, 1894	5	7	23
New York to Queenstown	Lucania	Cunard	Sept. 8-14, 1894	5	8	38
Cherbourg to New York	KaiserWilh. d. Gr'se	No. Germ. Lloyd	Nov. 16-21, 1899	5	17	27
Southampton to New York	KaiserWilh. d. Gr'se	No. Germ. Lloyd	Mar 30-Apr 5, 1898.	5	20	...
New York to Southampton	KaiserWilh. d. Gr'se	No. Germ. Lloyd	Nov. 23-29, 1897	5	17	8
Havre to New York	La Touraine	French	July 16-23, 1892	6	14	26
New York to Havre	La Touraine	French	Oct. 29-Nov 5. 1892	6	20	6

BEST RECORDS OF OTHER LINES.

Line.	*Route.*	*Steamer.*	*Date.*	*D.*	*H.*	*M.*
American	Queenstown to New York	Paris	Oct. 14-19, 1892	5	14	24
"	Southampton to New York	St. Paul	Aug. 8-14, 1896	6	0	31
"	New York to Southampton	St. Louis	Sept. 1-8, 1897	6	10	14
Hamburg-American	New York to Southampton	FürstBismarck	Oct. 20-27, 1898	6	10	15
Guion	New York to Queenstown	Alaska	Sept. 12-19. 1882	6	18	37
"	Queenstown to New York	Alaska	Sept. 16-22, 1883	6	21	40
White Star	New York to Queenstown	Teutonic	Oct. 21-27, 1891	5	21	3
"	Queenstown to New York	Teutonic	Aug. 13-19, 1891	5	16	31
Anchor	Glasgow to New York	City of Rome	Aug. 18-24 1886	6	20	35
"	New York to Glasgow	City of Rome	Aug. 13-19, 1885	6	18	25
Red Star	New York to Antwerp	Friesland	August, 1894	8	22	13

Approximate Distances: Sandy Hook (Lightship), New York, to Queenstown (Roche's Point), 2,800 miles; to Plymouth (Eddystone), 2,962 miles; to Southampton (The Needles), 3,100 miles; to Havre, 3,170 miles. The fastest day's run was made by the Kaiser Wilhelm der Grosse, of the North German Lloyd line, May 2-3, 1898—580 knots, or 23.43 knots per hour.

THE RECORD-BREAKERS IN THIRTY-EIGHT YEARS.

The following is the succession of steamships which have broken the record since 1866, with their running time. The route in all cases was that between New York and Queenstown, east or west.

Date.	*Steamer.*	*D.*	*H.*	*M.*	*Date.*	*Steamer.*	*D.*	*H.*	*M.*
1856	Persia	9	1	45	1885	Etruria	6	5	31
1866	Scotia	8	2	48	1887	Umbria	6	4	42
1869	City of Brussels	7	22	3	1888	Etruria	6	1	55
1873	Baltic	7	20	9	1889	City of Paris	5	19	18
1875	City of Berlin	7	15	48	1891	Majestic	5	18	8
1876	Germanic	7	11	37	1891	Teutonic	5	16	31
1877	Britannic	7	10	53	1892	City of Paris	5	15	58
1880	Arizona	7	7	23	1892	City of Paris	5	14	24
1882	Alaska	6	18	37	1893	Campania	5	12	7
1884	Oregon	6	11	9	1894	Lucania	5	7	23
1884	America	6	10	0					

American sailing ship A. G. Ropes arrived off Sandy Hook March 21, 1898, in 19 days from Liverpool, Eng., having made the trip from Cape Clear (Irish coast) to Sandy Hook (2,700 knots) in 17 days, an average of nearly 160 knots a day. Most transatlantic records of sailing vessels are from New York to Liverpool or Queenstown. There is no record on file from Liverpool to New York, excepting that of the Young America, which made the trip to Liverpool in 18 days and came back in 23 days. The famous Dreadnaught once sailed to Liverpool from New York in 13 days 8 hours, and the Red Jacket in 13 days 11 hours 25 minutes.

Funnel Marks and Night Signals of Transatlantic Lines

Lines.	Funnel Marks.	Night Signals.
American	Black, white band, black top	Blue light forward, red light amidships, and blue light aft.
Anchor	Black	White lantern, then a red.
Bristol	Black, white band in centre, blue star in centre of white band.	Red-green light.
Cunard	Red, with black rings and black top	Blue light and two roman candles, each throwing out six blue balls.
French	Red, with black top	Blue light forward, white light amidships, and red light aft.
Hamburg-Amer.	Express service, buff; regular, black	Two red-white-blue lights, in quick succession, at stern.
Netherlands-Am.	Black, white band, with green borders	Three red lights forward, aft, and amidships, at same time.
Nor. Ger. Lloyd	Cream	Two blue-red lights, one forward, one aft.
Red Star	Black, white band, black top	Three red lights, one forward, one aft, and one amidships, simultaneously.
Scandinav.-Amer	Yellow, with white band and blue star, and black top.	One white-red, followed by one red-white light.
White Star	Cream, with black top	Two green lights simultaneously.
Wilson	Red, with black top	Two red lights, about 60 feet apart.

House Flags of Transatlantic Lines.

Lines.	Flags.	Lines.	Flags.
American	White, with blue spreadeagle in centre.	Netherl'nds-Am	Green, white and green, N. A. S. M. in black letters in the white.
Anchor	White swallowtail flag, with red anchor.	North Ger. Lloyd	Key and anchor crossed in centre of a laurel wreath, in blue on a white field.
Cunard	Red flag, golden lion in centre.	Red Star	White swallowtail flag, red star.
French	White flag, red ball in corner, with company's name.	Scandinav.-Amer	White, with seven-pointed blue star.
Hamburg-Amer.	White and blue flag, diagonally quartered, with a black anchor and yellow shield in centre, bearing the letters H.A.P.A.G.	White Star	Red swallowtail flag, containing white star.
		Wilson	White pen't, red ball in centre.

United States Forestry Statistics.

(Corrected by the Chief of the Division of Forestry, U. S. Department of Agriculture.)

FOREST AREA.

THE total forest area in the United States is estimated at 1,094,514 square miles, or about 699,500,000 acres, which is 36½ per cent of the total land area, Alaska not included.—*Gannett.*

The total annual consumption of manufactured forest products in the United States, according to the figures of the Census of 1890, is more than 18,000,000,000 cubic feet, divided approximately as follows: Lumber market and manufactures, 2,250,000,000 cubic feet; fuel, 15,000,000,000 cubic feet; railroad ties, 27,000,000 cubic feet; fencing, 30,000,000 cubic feet; other items, 1,000,000,000 cubic feet. The amount of cubic feet of standing timber necessary to produce these quantities of usable material is immensely greater, probably almost double. The value of the annual products of our forests was estimated by the Census of 1890 at $1,038,616,947.

At the present rate of cutting the forest land of the United States cannot long meet the enormous demand made upon it. By far the greater part of the white pine has been cut, and vast inroads have been made into the supply of other valuable timbers. In many sections of the country more timber falls by fire than by the axe. The average annual loss from fire is probably not less than $20,000,000.

FOREST PRESERVATION.

For the preservation of the forests, the State of New York first instituted a Forest Commission in 1885. Several radical changes have been made in the law, which now provides for a "Commission of Fisheries, Game, and Forests," to which is delegated the enforcement of the fish and game laws, the care of the Adirondack Park, and the State Forest Preserve. The Legislature of 1897 authorized the purchase of lands in the Adirondacks as an addition to the Park and Forest Reserve to the amount of $1,000,000, to which $500,000 in 1898 and $300,000 in 1899 have since been added. A State College of Forestry has been opened at Cornell University, and has charge of 30,000 acres of State land as a demonstration forest in the Adirondacks Better methods of handling spruce lands have been introduced on 100,000 acres of private forests, under the direction of the Division of Forestry, U. S. Department of Agriculture. The States of Kansas, Michigan, Minnesota, Maine, New Hampshire, Pennsylvania, and Wisconsin also have special commissions under their forestry laws. The Pennsylvania Legislature of 1897 provided for the purchase of three forest reserves of not less than 40,000 acres each, and the Wisconsin Assembly appointed a commission to formulate and recommend forest legislation. Minnesota has probably the best forest fire law of any State, with a Chief Fire Warden as executive officer. In New Jersey and North Carolina the Geological Survey is specially charged with forest interests.

A national organization known as the American Forestry Association, composed of delegates from the States, meets annually. F. H. Newell, Washington, D. C., is Corresponding Secretary. Local or State Associations have been formed in California, Connecticut, Colorado. Ohio. New York, Pennsylvania, Kentucky, Massachusetts, Indiana, North Carolina, South Carolina. Washington, Minnesota, Texas, Utah, North Dakota, Wisconsin, and New Jersey.

By act of March 3, 1891, the President is authorized to make public forest reservations. Seventeen such, comprising 17,968,440 acres, were established in Colorado, New Mexico, California, Arizona, Wyoming, Oregon, and Washington, previous to 1897. On February 22, 1897. President Cleveland proclaimed 13 additional reserves, with a total area of 25,683,840 acres.

These reservations were made upon the recommendation of a committee of the National Academy of Sciences after thoroughly investigating the subject at the request of the President. The Sundry Civil bill which passed Congress June 4, 1897, temporarily suspended the reservations of February 22, until the act of March 1, 1898, ordered their survey by the Director of the Geological Survey, and appropriated $150,000 therefor. The bill provides that lands more suitable for agriculture than for forestry shall be permanently restored to the public domain. It also authorizes the Secretary of the Interior to formulate such rules and regulations for the care and management of the forest reservations as may in his judgment be necessary. Since its passage extensive additional areas have been reserved in Arizona, New Mexico, South Dakota, Montana, Utah, Wyoming, and California, and the attitude of the West toward the reserves has radically changed for the better. The total area of the forest reservations is now 46,425,527 acres.

ARBOR DAY.

The individual States have striven to encourage tree-planting by appointing a certain day in the year, to be known as Arbor Day, for the voluntary planting of trees by the people. The following States and Territories have since then, by legislative enactment or otherwise, established an annual Arbor Day: Alabama, Arizona, California, Colorado, Connecticut, Florida, Georgia, Idaho. Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming—44 in all; in twenty-one States, by act of legislature; in six States, as legal holidays; in five as holidays for schools. (See Legal Holidays.)

State Flowers.

THE following are "State Flowers," as adopted in most instances by the votes of the public school scholars of the respective States:

Alabama	Golden Rod
Arkansas	Aster
California	California Poppy
Colorado	Columbine
Delaware	Peach Blossom
Idaho	Syringia
Iowa	Wild Rose
Maine	*Pine Cone and Tassel
Michigan	*Apple Blossom
Minnesota	Cypripedium or Moccasin Flower
Missouri	Golden Rod
Montana	Bitter Root
Nebraska	Golden Rod
New Jersey, State tree	Sugar Maple
New York, Rose; State tree	Maple
North Dakota	Golden Rod
Oklahoma Territory	*Mistletoe
Oregon	Oregon Grape
Rhode Island, Violet; State tree	Maple
Vermont	Red Clover
Washington	Rhododendron

In other States the scholars or State Legislatures have not yet taken action. In Illinois in the vote on the leading State flower by the pupils of the schools the Rose, Violet, and Golden Rod received the largest number of votes, in the order named, although no State flower was adopted. In Massachusetts the Trailing Arbutus and the Blue Flag were strongly urged, but no flower was adopted. In Tennessee the Golden Rod is advocated. In Kansas the Sunflower is usually known as the State flower.

* Adopted by State Legislature, not by public school scholars.

Agricultural Statistics.

GRAIN PRODUCTION OF THE UNITED STATES.

THE following are the United States census reports of the production of the principal cereals in the United States in the several census years, together with the reports of the U. S. Department of Agriculture for 1889-99.

YEARS.	Indian Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
1850	592,071,104	100,485,940	146,584,179	5,167,015	14,188,813	8,956,912
1860	838,792,742	173,104,924	172,643,185	15,825,898	21,101,380	17,571,818
1870	760,944,549	287,745,626	282,107,157	29,761,305	16,918,795	9,821,721
1880	1,754,861,535	459,479,503	407,858,900	44,113,495	19,831,595	11,817,327
1889	2,112,892,000	490,560,000	751,515,000	*78,000,000	*30,000,000	*11,000,000
1890	1,489,970,000	399,262,000	523,621,000	*68,000,000	*28,000,000	*11,000,000
1891	2,060,154,000	611,780,000	738,394,000	*80,000,000	*33,000,000	*12,000,000
1892	1,628,464,000	515,949,000	661,035,000	*72,000,000	*30,000,000	*11,000,000
1893	1,619,496,131	396,131,725	638,854,850	69,869,495	26,555,446	12,132,311
1894	1,212,770,052	460,267,416	662,086,928	61,400,465	26,727,615	12,668,200
1895	2,151,139,000	467,103,000	824,444,000	87,373,000	27,210,000	15,341,000
1896	2,283,875,000	427,684,000	707,346,000	69,695,000	24,369,000	14,090,000
1897	1,902,967,933	530,149,168	698,737,809	66,685,127	27,363,324	14,997,451
1898	1,924,185,000	675,149,000	730,905,000	55,792,000	25,657,000	11,722,000
1899	2,078,143,933	547,303,846	796,177,713	.....	23,961,741	11,094,473

* Estimated by the Cincinnati *Price Current.*

The hay crop of the United States in 1898 was estimated at 66,377,000 tons, potato crop 192,306,000 bushels. The last officially reported estimate (1888) of the hop crop was 1,987,790,000 pounds, of peanuts 2,600,000 bushels.

THE WHEAT CROP OF THE WORLD, IN BUSHELS, 1898.

COUNTRIES.	Bushels.	COUNTRIES.	Bushels.	COUNTRIES.	Bushels.
United States	597,294,000	Bulgaria	45,978,000	British India	242,890,000
Canada	58,169,000	Italy	116,337,000	Egypt	17,026,000
Argentina	63,844,000	Spain	97,042,000	Algeria	24,118,000
Chile	18,444,000	France	350,431,000	Australasia	36,887,000
Austria	41,144,000	Germany	111,798,000	Other countries	57,551,000
Hungary*	130,525,000	Belgium	51,281,000		
Roumania	69,519,000	Great Britain	63,844,000	The World	2,670,822,000
Turkey in Europe	102,150,000	Russia†	374,550,000		

* With Croatia and Slavonia. † With Siberia and Asia Minor.

The estimate of production of wheat in 1898 was made by the Hungarian Minister of Agriculture.

The rye crop of principal countries in 1896 was: Austria, 132,000,000 bushels; Russia, 780,000,000; France, 72,000,000; Germany, 284,000,000; Belgium, 20,000,000, Spain, 36,000,000; Netherlands, 12,000,000; Scandinavia, 68,000,000.—*Mulhall.*

WHEAT HARVEST CALENDAR.

January—Australia, New Zealand, Chile, Argentine Republic.

February and March—Upper Egypt, India.

April—Lower Egypt, India, Syria, Cyprus, Persia, Asia Minor, Mexico, Cuba.

May—Texas, Algeria, Central Asia China, Japan Morocco.

June—California, Oregon, Mississippi, Alabama, Georgia, North Carolina, South Carolina, Tennessee, Virginia, Kentucky, Kansas, Arkansas, Utah, Colorado, Missouri, Turkey, Greece, Italy, Spain, Portugal, South of France.

July—New England, New York, Pennsylvania, Ohio, Indiana, Michigan, Illinois, Iowa, Wisconsin, Southern Minnesota, Nebraska, Upper Canada, Roumania, Bulgaria, Austria-Hungary, South of Russia, Germany, Switzerland South of England.

August—Central and Northern Minnesota, the Dakotas, Manitoba, Lower Canada, Colombia, Belgium, Netherlands, Great Britain, Denmark, Poland, Central Russia.

September and October—Scotland, Sweden, Norway, North of Russia.

November—Peru, South Africa.

December—Burmah, New South Wales.

The tables of wheat harvest calendar and of prices of wheat in the Chicago market from 1860 to 1899 inclusive were compiled by Charles B. Murray, editor of the Cincinnati *Price Current.*

PRICES OF WHEAT (CHICAGO MARKET), 1860-99.*

YEARS.	Months of Lowest Price.	Yearly Range of Prices.	Months of Highest Price.	YEARS.	Months of Lowest Price.	Yearly Range of Prices.	Months of Highest Price.
1860	December	66 @1.13	April.	1880	August	86⅛@1.32	January.
1861	June and July	55 @1.25	May.	1881	January	95⅜@1.43¾	October.
1862	January	64 @ 92½	August.	1882	December	91⅛@1.40	April and May
1863	August	80 @1.12½	December.	1883	October	90 @1.13⅛	June.
1864	March	1.07 @2.26	June.	1884	December	69⅛@ 96	February.
1865	December	85 @1.55	January.	1885	March	73⅜@ 91¾	April.
1866	February	77 @2.03	November.	1886	October	69⅜@ 84¾	January.
1867	August	1.55 @2.85	May.	1887	August	66⅝@ 94¾	June.
1868	November	1.04½@2.20	July.	1888	April	71⅛@2.00	September. †
1869	December	76½@1.46	August.	1889	June	75½@1.08¾	February.
1870	April	73¼@1.31½	July. [Sept.	1890	February	74¼@1.08¼	August.
1871	August	99½@1.32	Feb., April, and	1891	July	85 @1.16	April.
1872	November	1.01 @1.61	August.	1892	October	69⅛@ 91¾	February.
1873	September	89 @1.46	July.	1893	July	54⅜@ 88	April.
1874	October	81⅛@1.28	April.	1894	Septe'ber	50 @ 65¼	April.
1875	February	83¼@1.30½	August.	1895	January	48¾@ 85⅜	May.
1876	July	83 @1.26¾	December.	1896	June	53⅜@ 94⅜	November.
1877	August	1.01½@1.76½	May.	1897	April	64⅛@1.09	December.
1878	October	77 @1.14	April.	1898	October	62½@1.85	May. ‡
1879	January	81⅝@1.33½	December.	1899	Nov'mber	66⅛@ 79½	May.

* No. 2 cash wheat. † The Hutchinson "corner" figure; $1.04½@1.05¼ the following day. ‡ The Leiter "corner" figure.

The Main Cereal Crops of the United States.

STATISTICS OF PRODUCTION OF INDIAN CORN, WHEAT, AND OATS IN 1899.
(Compiled from the Report of the Department of Agriculture.)

States and Territories.	Corn.			Wheat.			Oats.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
Maine	1[illegible]873	427,428	$213,714	1,953	43,942	$39,987	141,619	4,956,665	$1,883,533
New Hampshire	25,014	975,546	478,018	511	8,789	8,350	29,927	1,047,445	408,504
Vermont	47,526	1,710,936	804,140	3,560	78,320	66,572	107,009	3,959,333	1,464,953
Massachusetts	40,264	1,449,504	739,247	....	....	....	14,819	489,027	185,830
Rhode Island	8,116	251,596	133,346	....	....	....	3,668	95,368	35,286
Connecticut	46,119	1,799,811	899,906	300	5,490	5,216	18,752	525,056	194,271
New York	503,389	15,605,059	7,0[illegible]2,277	378,690	7,005,765	5,604,612	1,464,568	45,401,608	14,982,531
New Jersey	254,816	9,937,824	3,975,130	123,370	1,788,865	1,341,649	95,193	2,284,632	753,929
Pennsylvania	1,257,996	40,255,[illegible]72	16,504,908	1,505,362	20,472,923	13,512,129	1,186,304	39,148,039	11,352,929
Delaware	206,696	4,547,312	1,546,086	72,856	972,557	634,139	16,004	320,080	80,020
Maryland	580,076	15,562,432	6,682,476	759,643	10,710,966	7,283,457	72,852	1,675,596	502,679
Virginia	1,741,045	34,880,900	13,254,742	753,625	6,330,450	4,368,010	367,537	5,145,518	1,698,021
North Carolina	2,457,[illegible]36	31,953,168	15,017,989	521,731	3,495,598	2,866,390	398,934	4,787,208	1,962,755
South Carolina	1,857,021	16,713,189	8,356,594	148,271	963,762	954,124	251,998	3,023,976	1,421,269
Georgia	3,249,479	32,494,790	16,247,395	297,239	2,021,225	1,980,800	476,873	4,291,857	2,060,091
Florida	509,337	5,093,370	2,699,486	....	....	....	35,606	320,454	160,227
Alabama	2,751,260	33,015,120	15,517,106	56,735	431,186	383,756	301,207	3,012,070	1,295,190
Mississippi	2,440,232	39,043,712	17,960,108	3,248	25,010	19,508	136,574	1,363,740	682,870
Louisiana	1,438,707	25,896,726	11,394,559	....	....	....	30,738	553,284	221,314
Texas	4,508,411	81,151,398	29,214,503	814,832	9,044,635	6,150,352	682,719	17,067,975	5,120,392
Arkansas	2,404,357	46,087,140	18,273,113	227,135	1,953,361	1,250,151	313,918	5,864,442	2,027,910
Tennessee	2,929,888	59,997,760	23,399,126	953,187	8,[illegible]92,727	6,468,327	380,446	5,326,244	1,704,398
West Virginia	693,934	18,043,584	8,119,613	417,285	3,880,751	2,755,333	137,324	3,158,452	1,105,458
Kentucky	2,637,747	55,392,687	20,195,294	901,272	8,201,575	5,413,040	455,267	8,104,806	2,622,338
Ohio	2,751,356	99,048,816	29,714,645	2,819,761	39,998,006	25,598,724	915,166	32,945,976	8,236,494
Michigan	1,059,054	26,476,350	9,5[illegible]1,486	1,587,5[illegible]3	13,335,193	8,667,875	869,972	30,599,048	8,567,733
Indiana	3,732,963	141,852,594	38,300,200	2,587,875	25,361,175	16,231,152	1,071,914	34,301,248	7,889,287
Illinois	6,865,287	247,150,332	64,259,086	1,266,541	12,665,410	7,979,208	3,349,146	127,278,948	28,001,369
Wisconsin	1,191,039	41,685,365	12,505,910	759,573	11,773,382	7,181,763	1,880,205	67,687,380	15,568,097
Minnesota	944,584	31,171,272	7,481,105	5,091,312	68,223,581	37,522,969	1,646,513	52,688,416	11,591,452
Iowa	7,314,511	242,249,841	55,717,463	1,399,553	18,195,489	10,007,519	3,848,053	126,985,749	24,127,292
Missouri	6,265,964	192,915,064	48,874,519	1,151,384	11,[illegible]98,702	7,067,195	811,974	20,299,350	4,871,844
Kansas	8,800,786	237,621,222	59,405,306	3,721,229	36,468,044	18,963,383	1,349,290	39,129,410	8,608,470
Nebraska	8,013,331	224,373,268	51,605,852	2,018,619	20,791,776	10,187,970	1,715,804	51,474,150	11,324,306
South Dakota	1,154,516	30,017,416	7,804,528	3,526,013	37,728,339	18,864,170	589,703	15,332,278	3,526,424
North Dakota	24,055	553,495	182,653	4,04[illegible]6,3	51,758,630	26,396,901	599,589	17,987,670	4,856,671
Montana	1,582	36,386	18,921	69,764	1,792,935	1,093,690	60,986	2,317,468	903,813
Wyoming	2,452	53,944	23,196	21,029	395,345	264,881	14,743	442,290	176,916
Colorado	171,264	2,911,488	1,251,940	309,611	7,337,781	4,182,535	90,698	2,448,846	1,028,515
New Mexico	24,015	480,300	278,574	186,945	2,579,855	1,573,712	7,418	178,032	78,334
Arizona	....	....	....	22,392	342,139	218,969	....	....	....
Utah	8,134	162,680	95,981	189,505	3,733,454	1,980,221	25,654	812,236	348,894
Nevada	....	....	....	38,167	687,006	522,125	....	....	....
Idaho	....	....	....	142,153	3,440,103	1,720,052	32,352	1,099,968	417,988
Washington	5,586	128,478	70,663	956,405	21,710,394	11,072,301	81,945	3,031,965	1,152,147
Oregon	13,519	297,418	190,348	1,143,205	21,949,536	11,633,254	170,622	5,118,660	2,098,651
California	56,925	1,536,975	922,185	2,393,185	33,743,909	20,921,223	59,477	1,843,787	866,580
Oklahoma	533,335	10,133,365	2,026,673	1,218,253	16,202,765	8,587,485	....	....	....
Total	82,108,587	2,078,143,933	$529,210,110	44,592,516	547,303,846	$319,545,259	26,341,380	796,177,713	$198,167,975

EXPORTS OF THE MAIN CEREALS FROM THE UNITED STATES.

Fiscal Years July 1 to June 30.	Corn.			Wheat.			Oats.		
	Bushels.	Aggregate Value.	Average Value per Bush	Bushels.	Aggregate Value.	Average Value per Bush	Bushels.	Aggregate Value.	Av'ge Value pr Bush
1876–77	70,860,983	$41,621,275	$0.58.7	40,325,611	$47,135,562	$1.16.9	....	....	....
1877–78	85,461,098	48,033,358	56.2	72,404,961	96,872,016	1.33.8	3,715,479	$1,177,926	$0.34.4
1878–79	86,296,252	40,655,120	47.1	122,353,936	130,701,079	1.06.8	5,452,136	1,618,644	29.6
1879–80	98,169,877	53,298,247	54.3	153,252,795	190,546,305	1.24.3	766,366	308,129	40.2
1880–81	91,908,175	50,702,669	55.1	150,565,477	167,698,485	1.11.3	402,904	186,899	46.3
1881–82	43,184,915	28,845,830	66.7	95,271,802	112,929,718	1.18.5	625,690	298,349	47.6
1882–83	40,586,825	27,756,082	68.3	106,385,828	119,879,341	1.12.6	461,496	233,843	50.6
1883–84	45,247,490	27,648,044	61.1	70,349,012	75,026,678	1.06.6	1,760,376	700,694	30.9
1884–85	51,824,416	28,003,863	54.0	84,653,714	72,933,097	86.2	4,191,692	1,589,640	37.9
1885–86	63,655,433	31,730,922	49.8	57,759,209	50,262,715	87.0	5,672,694	1,944,772	34.3
1886–87	40,307,252	19,347,361	47.9	101,971,949	90,716,481	89.0	440,283	179,634	40.8
1887–88	24,278,417	13,355,950	55.0	65,789,261	56,241,168	85.3	332,564	143,284	43.4
1888–89	69,592,929	32,982,277	47.4	46,414,129	41,652,701	89.7	624,226	245,562	39.3
1889–90	101,973,717	42,658,015	41.8	54,387,767	45,275,906	83.2	13,692,776	4,510,055	32.9
1890–91	30,768,213	17,652,687	57.4	55,131,948	51,420,272	93.2	953,010	405,708	42.6
1891–92	75,451,849	41,590,460	55.1	157,280,351	161,399,132	1.02.6	9,436,078	3,842,559	40.7
1892–93	46,037,274	24,587,511	53.4	117,121,109	93,524,970	79.8	2,380,643	951,920	39.0
1893–94	63,324,841	30,211,154	46.2	88,415,230	59,407,041	67.2	5,750,266	2,027,935	35.2
1894–95	27,691,137	14,650,767	52.9	76,102,704	43,805,663	57.5	569,977	200,793	30.4
1895–96	99,992,835	37,836,862	37.8	60,850,080	39,709,868	65.5	13,012,590	3,497,611	26.8
1896–97	175,998,684	53,618,736	30.4	79,375,372	59,782,665	75.3	35,077,828	8,752,201	24.9
1897–98	206,567,282	73,502,237	30.7	146,623,250	144,272,849	98.3	69,020,696	20,591,438	29.8
1898–99	174,089,094	68,977,448	39.6	139,432,815	104,269,169	75.0	30,309,778	9,787,540	32.3

The American Hog.

HOGS PACKED AND MARKETED, YEAR ENDING MARCH 1, 1899.

Cities.	Number of Hogs.	Cities.	Number of Hogs.	Cities.	Number of Hogs.
Chicago	8,016,675	Cedar Rapids	483,625	Buffalo	447,000
Kansas City	3,107,053	Cleveland	496,624	Other Places East	185,000
Omaha	1,977,922	Louisville	459,521	Receipts at New York, Philadelphia, and Baltimore	2,978,000
St. Louis	1,580,286	Ottumwa	702,173		
Indianapolis	1,098 556	Nebraska City	288,816		
Milwaukee	1,098,408	St. Joseph	1,120,449		
Sioux City	397,893	Detroit	310,600		
Cincinnati	696,059	Other Places West	764,828	Total 1899	29,791,000
St. Paul	354,485	Boston	1,737,000	" 1898	26,134,000

DISTRIBUTION OF HOG PRODUCTS EXPORTED FROM THE UNITED STATES.

Countries, 1897-98.	Bacon. Pounds.	Hams. Pounds.	Pork. Pounds.	Total Meats. Pounds.	Lard. Pounds.	Aggregate, 1897-98.	Aggregate, 1896-97.	Aggregate, 1895-96.
United Kingdom	473,201,692	153,549,559	31,691,732	658,442,983	241,077,725	899,520,708	731,256,560	661,357,839
France	2,370,965	1,182,618	112,900	3,666,483	21,307,239	24,973,722	23,362,350	34,494,639
Germany	51,524,565	11,963,631	9,617,039	73,105,235	233,844,879	306,950,114	197,917,382	134,097,526
Belgium	47,386,442	16,461,853	2,322,623	66,170,918	36,251,077	102,421,995	69,408,128	61,835,270
Netherlands	20,688,357	2,607,275	9,372,442	32,668,074	63,663,059	96,331,133	76,511,487	42,578,216
Denmark	2,204,339	387,361	413,177	3,004,877	9,207,095	12,211,972	5,437,494	7,737,998
Sweden and Norway	5,000,989	291,992	1,342,669	6,635,650	5,145,447	11,781,097	11,912,596	9,644,243
Spain	.....	373	.....	373	34,179	34,552	128,008	73,345
Italy	4,542,777	89,482	249,931	4,882,190	3,836,848	8,719,038	2,510,936	850,344
Cuba	10,736,382	3,532,940	267,600	14,536,922	20,139,515	34,676,437	40,534,401	35,990,821
Hayti	1,998	135,266	8,545,500	8,682,764	2,259,832	10,922,596	14,474,343	15,668,265
Porto Rico	496,391	602,415	3,556,700	4,655,506	3,609,131	8,264,637	9,530,145	9,804,165
British West Indies	314,934	921,375	9,154,858	10,391,167	2,381,571	12,772,738	11,788,213	15,342,695
Mexico	95,100	211,471	14,679	321,250	3,602,758	3,924,008	7,562,331	3,781,160
Brazil	7,857,354	33,016	32,300	7,922,670	15,362,399	23,285,069	29,463,167	32,712,927
Colombia	18,460	156,021	154,039	328,520	2,057,865	2,386,385	3,253,714	2,174,859
Venezuela	35,848	476,583	19,890	532,321	6,728,583	7,260,904	7,258,636	7,740,056
British Guiana	26,541	222,956	3,145,900	3,395,397	375,680	3,771,077	3,409,058	5,725,774
Peru	3,454	25,038	4,000	32,492	493,047	525,539	430,164	167,553
Quebec, Ontario, etc.*	19,582,020	5,551,247	11,419,941	36,553,208	6,232,275	42,785,483	23,702,153	23,830,113
Nova Scotia, etc	114,232	185,177	1,275,650	1,575,059	195,247	1,770,306	4,080,295	4,128,193
Newfoundland, etc	2,523	56,921	3,056,200	3,115,644	161,772	3,277,416	3,710,432	5,157,187
All other	3,903,570	1,541,291	4,587,593	10,032,454	31,396,822	41,429,276	23,059,317	16,527,979
Year, to June 30	650,108,933	200,185,861	100,357,363	950,652,157	709,344,015	1,659,996,202	1,200,731,310	1,133,421,167
Value	$46,380,918	$18,987,525	$5,722,036	$71,090,479	$39,710,672	$110,801,151	$82,580,867	$83,675,922

* Includes Manitoba, Northwest Territories, and British Columbia.

The tables of statistics of hog products were compiled by the Cincinnati *Price Current.*

The Department of Agriculture reported the following farm animals in the United States on January 1, 1899: Horses, 13,665,307, value, $511,074,813; mules, 2,134,214, value, $95,963,261; milch cows, 15 990 115, value, $474,233,925; oxen and other cattle, 27,994,225, value, $637,931,135; sheep, 39,114,453, value, $107,697,550; swine, 38,651,631, value, $170,109,743.

Production of Tobacco.

STATEMENT OF PRODUCTION IN THE UNITED STATES IN THE YEAR ENDING JANUARY 1, 1895, FROM THE REPORT OF THE SECRETARY OF AGRICULTURE.

States.	Acres.	Pounds.	Value.	States.	Acres.	Pounds.	Value.
Arkansas	1,932	1,195,908	$131,550	N. Carolina	63,510	42,043,620	$3,783,926
Connecticut	6,731	10,176,908	1,628,305	Ohio	37,493	32,468,938	1,753,323
Illinois	2,980	1,790,980	132,533	Pennsylvania	21,341	26,228,089	2,360,528
Indiana	5,369	3,841,952	199,782	Tennessee	39,300	26,724,000	2,405,160
Kentucky	236,927	183,618,425	10,099,013	Virginia	54,592	35,593,984	2,135,639
Maryland	11,822	7,010,380	420,623	West Virginia	3,737	2,634,585	263,459
Massachusetts	2,323	3,449,655	344,966	Wisconsin	18,066	14,669,592	792,158
Missouri	11,581	8,296,749	755,004				
New York	5,530	6,934,620	554,770	Total	523,103	406,678,385	$27,760,739

Estimate for 1896 by the Department of Agriculture: Area, 595,000 acres; product, 403,004,000 pounds; value, $24,258,000; yield per acre, 678 pounds. This is the last year that an estimate has been made by the Department.

Dairy Products.

EXPORTS OF DAIRY PRODUCTS FROM THE UNITED STATES, 1897-99.

Fiscal Years.	Butter.		Cheese.	
	Quantities, Pounds.	Values.	Quantities, Pounds.	Values.
1897	31,345,224	$4,493,364	50,944,617	$4,636,063
1898	25,690,025	3,864,765	53,167,280	4,559,324
1899	20,247,997	3,263,951	38,198,753	3,316,049

The production of butter and cheese in the United States in the last census year was 1,220,000,000 pounds. This was a third of the production of the whole world.

Statistics of Wool in the United States.

Year Ending June 30	Production. (a)	Imports.	Total Production and Imports.	Domestic Wool Exported	Foreign Wool Exported.	Total Wool Exported.	Retained for Home Consumption.	Per Ct Imported
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	
1870	162,000,000	49,230,199	211,230,199	152,892	1,710,053	1,862,945	209,367,254	23.3
1880	232,500,000	128,131,747	360,631,747	191,551	3,648,520	3,840,071	356,791,676	35.5
1881	240,000,000	55,964,236	295,964,236	71,455	5,507,534	5,578,989	290,385,247	18.9
1882	272,000,000	67,861,744	339,861,744	116,179	3,831,836	3,948,015	335,913,729	20.0
1883	290,000,000	70,575,478	360,575,478	64,474	4,010,043	4,074,517	356,500,961	19.7
1884	300,000,000	78,350,651	378,350,651	10,398	2,304,701	2,315,093	396,035,558	20.8
1885	308,000,000	70,596,170	378,596,170	88,000	3,115,339	3,203,345	375,392,825	18.8
1886	302,000,000	129,084,958	431,084,958	2,138,080	6,534,426	8,672,506	422,412,452	30.6
1887	285,000,000	114,038,030	399,038,030	257,940	6,728,292	6,986,232	392,051,998	29.1
1888	269,000,000	113,558,753	382,558,753	22,164	4,359,731	4,381,895	378,176,858	30.0
1889	265,000,000	126,487,929	391,487,729	141,576	3,263,094	3,404,670	388,083,059	31.7
1890	276,000,000	105,431,285	381,431,285	231,042	3,288,467	3,519,509	377,911,776	28.4
1891	285,000,000	129,303,648	405,303,648	292,922	2,638,123	2,931,045	402,372,603	31.8
1892	294,000,000	148,760,652	442,670,652	202,456	3,007,563	3,210,019	439,460,633	33.6
1893	303,000,000	172,435,838	475,433,838	91,858	4,218,637	4,310,495	471,123,343	36.2
1894	298,000,000	55,152,558	353,152,558	520,217	5,977,407	6,494,654	346,654,904	15.6
1895	310,000,000	206,033,906	516,633,906	4,279,109	2,343,081	6,622,190	509,411,716	39.8
1896	273,000,000	230,911,473	503,911,473	6,945,981	6,028,236	12,972,217	490,939,256	46.0
1897(b)	259,153,251	350,852,026	610,005,277	5,271,535	3,429,063	8,700,598	601,304,679	57.8
1898(b)	266,720,684	132,795,302	399,515,986	121,139	2,504,832	2,625,971	396,890,015	32.8
1899(b)	272,191,330	76,736,209	348,927,539	1,683,419	12,411,916	14,095,335	334,832,204	19.2

(a) Calendar year, estimates of Department of Agriculture.
(b) Estimates of National Association of Wool Manufacturers, Boston, Mass.

THE WORLD'S PRODUCTION OF WOOL IN 1899.

(Estimated for THE WORLD ALMANAC from the latest returns by the National Association of Wool Manufacturers.)

COUNTRIES.	Pounds.
North America:	
United States†	272,191,330
British Provinces	12,000 000
Mexico	5,000,000
Total	289,191,330
Central America and West Indies	5,000,000
South America:	
Argentina	370,000,000
Brazil	1,500,000
Chile	7,500,000
Uruguay	90,000,000
Venezuela	15,000,000
All other South America	20,000,000
Total	504,000,000

COUNTRIES.	Pounds.
Europe:	
Great Britain and Ireland*	138,392,215
France	103,610,000
Spain	102,600,000
Portugal	13,410,000
Germany	49,590,000
Italy*	21,451,000
Austria-Hungary	64,300,000
Russia, inc. Poland	361,100,000
Sweden & Norway	8,200,000
Turkey and Balkan Peninsula	67,500,000
All other Europe	14,000,000
Total Europe	944,153,215
Asia:	
Russia	60,000,000
Central Asia	46,000.000
British India	85,000,000

COUNTRIES.	Pounds.
Asia—*Continued:*	
Asiatic Turkey	39,000,000
China	35,000,000
All other Asia	15,000,000
Total	280,000,000
Africa:	
Algeria and Tunis	30,425,000
Cape Colony, Natal, Orange Free State	105,000,000
Egypt	3,000,000
All other Africa	1,000,000
Total	139,425,000
Australasia	520,000,000
Oceanica	50,000
Grand total	2,681,819,545

* Fleece washed. Great Britain and Ireland, product of 1898. † Washed and unwashed.

THE WORLD'S WOOL SUPPLY SINCE 1860.

COUNTRIES.	1860. Pounds.	1870. Pounds.	1880. Pounds.	1898. Pounds.	1899. Pounds.
United Kingdom	140,000,000	150,000,000	149,000,000	*138,657,440	*138,392,215
Continent of Europe	500,000,000	485,000,000	450,000,000	805,761,000	805,761,000
North America	110,000,000	176,000,000	270,000,000	283,720,684	289,191,330
Australasia	60,000,000	175,000,000	308,000,000	533,000,000	520,000,000
Cape Good Hope	26,000,000	43,000,000	60,000,000	105,000,000	105,000,000
River Plate	43,000,000	197,000,000	256,000,000	460,000,000	460,000,000
Other countries	76,000,000	69,000,000	133,000,000	363,475,000	363,475,000
Grand totals	955,000,000	1,295,000,000	1,626,000,000	2,689,614,124	2,681,819,545

* Returns of the United Kingdom are for the preceding year.

SHEEP IN THE UNITED STATES, JANUARY 1.

	1896.	1897.	1898.	1899.
Number	38,298,783	36,818,643	37,656,960	39,114,453
Average price per head	$1.70	$1.82	$2.46	$2.75
Total value	65,167,735	67,020,942	92,721,133	107,697,530

THE WORLD ALMANAC is indebted for the wool statistics of 1897, 1898, and 1899 to the National Association of Wool Manufacturers, Boston, Mass., S. N. D. North, Secretary.

The Cotton Supply.

CROP OF THE UNITED STATES FOR SEVENTY-ONE YEARS.

THE following statements are furnished by the New York "Commercial and Financial Chronicle":

YEAR.	Bales.	YEAR.	Bales.	YEAR.	Bales.	YEAR.	Bales.
1829	870,415	1846	2,100,537	1866	2,193,987	1883	6,992,234
1830	976,845	1847	1,778,651	1867	2,019,774	1884	5,714,052
1831	1,038,848	1848	2,347,634	1868	2,593,993	1885	5,669,021
1832	987,487	1849	2,728,596	1869	2,439,039	1886	6,550,215
1833	1,070,438	1850	2,096,706	1870	3,154,946	1887	6,513,624
1834	1,205,324	1851	2,355,257	1871	4,352,317	1888	7,017,707
1835	1,254,328	1852	3,015,029	1872	2,974,351	1889	6,935,082
1836	1,360,752	1853	3,262,882	1873	3,930,508	1890	7,313,726
1837	1,422,930	1854	2,930,027	1874	4,170,388	1891	8,655,518
1838	1,801,497	1855	2,847,339	1875	3,832,991	1892	9,038,707
1839	1,360,532	1856	3,527,845	1876	4,669,288	1893	6,717,142
1840	2,177,835	1857	2,939,519	1877	4,485,423	1894	7,527,211
1841	1,634,945	1858	3,113,962	1878	4,811,265	1895	9,892,766
1842	1,683,574	1859	3,851,481	1879	5,073,531	1896	7,162,473
1843	2,378,875	1860	4,669,770	1880	5,757,397	1897	8,714,011
1844	2,030,409	1861	3,656,006	1881	6,589,329	1898	11,180,960
1845	2,394,503	1862-1865	No record	1882	5,435,845	1899	11,235,383

The returns are for the years ending September 1. The average net weight, per bale, for 1899 is 487 pounds.

EXPORTS AND DOMESTIC CONSUMPTION OF AMERICAN COTTON.

	1898-99.	1897-98.	1896-97.	1895-96.	1894-95.	1893-94.	1892-93.	1891-92.
	Bales.	Bales.	Bales.	Bales.	Bales.	Bales.	Bales.	Bales.
Exp. to Europe	7,146,009	7,270,898	5,874,922	4,565,014	6,630,272	5,183,645	4,354,790	5,815,365
Consumption, U.S., Can., etc.	4,030,448	3,459,126	3,057,395	2,843,708	3,081,825	2,508,850	2,786,077	2,832,908
Total	11,176,457	10,730,024	8,932,317	7,408,722	9,712,157	7,692,495	7,140,867	8,648,273

COTTON CONSUMPTION OF THE WORLD.

CONSUMPTION, BALES, 500 LBS.	Great Britain.	Continent.	United States.	India.	All Others.	Total World.
1886-87	2,955,000	2,912,000	1,938,000	570,000	.....	8,375,000
1887-88	3,073,000	3,037,000	2,024,000	617,000	.....	8,751,000
1888-89	3,016,000	3,256,000	2,148,000	697,000	.....	9,117,000
1889-90	3,227,000	3,432,000	2,185,000	791,000	.....	9,635,000
1890-91	3,384,000	3,631,000	2,367,000	924,000	150,000	10,456,000
1891-92	3,181,000	3,619,000	2,576,000	914,000	160,000	10,450,000
1892-93	2,866,000	3,661,000	2,551,000	918,000	220,000	10,216,000
1893-94	3,233,000	3,827,000	2,264,000	959,000	250,000	10,533,000
1894-95	3,250,000	4,030,000	2,743,000	1,074,000	300,000	11,397,000
1895-96	3,276,000	4,160,000	2,572,000	1,105,000	419,000	11,532,000
1896-97	3,224,000	4,368,000	2,738,000	1,004,000	488,000	11,822,000
1897-98	3,432,000	4,628,000	2,962,000	1,141,000	713,000	12,876,000
1898-99	3,519,000	4,836,000	3,553,000	1,297,000	727,000	13,932,000

NOTE.—The above does not include American cotton consumed in Canada, Mexico, and burnt.

SOURCES OF COTTON SUPPLY, 1899-1900.

The following shows the actual requirements in 1898-99 and the estimate of Ellison & Co. for 1899-1900:

	1899-1900. Total Estimated.	1898-99. Total Actual Bales.	1897-98. Total Actual Bales.
America	10,232,000	10,677,000	9,926,000
East Indies	500,000	800,000	641,000
Other Countries	1,026,000	866,000	974,000
Total	11,758,000	12,343,000	11,541,000
Average Weight	497.5	494.2	491.3
Bales of 500 lbs	11,700,000	12,200,000	11,339,000

SPINDLES IN OPERATION.

	1899.	1898.	1897.	1896.	1895.	1894.
Great Britain	45,400,000	44,900,000	44,900,000	44,900,000	45,400,000	45,270,000
Continent	82,500,000	31,350,000	30,320,000	29,350,000	28,250,000	27,350,000
United States	17,938,000	17,570,000	17,356,000	16,811,000	16,133,000	15,841,000
East Indies	4,200,000	4,100,000	4,000,000	3,933,000	3,810,000	3,650,000
Total	100,038,000	97,920,000	96,576,000	94,994,000	93,593,000	92,111,000

STOCK LIST AND PRICES OF LEADING STOCKS IN 1899—*Continued.*

Stocks.	Stock Outstanding, January 1, 1899.	Bonded Indebtedness, January 1, 1899.	Mileage.	Date Payment Last Dividend Declared.*	Rate P. Ct.* Last Div.*	Highest and Lowest, 1898.		Highest and Lowest, 1899.*	
Lake Erie & Western	$11,840,000	$9,850,000	725	....	..	23½	12½	22¼	15
Lake Erie & Western pref.	11,840,000			Nov. 15,'98	1¼	83¼	53	82½	60
Lake Shore & Michigan Southern	2,000,000	8,366,000	1,448	July 28,'99	3½	215	170¾	208	196½
Long Island	12,000,000	15,549,702	399	Nov. 2,'96	1	59½	37	84½	56¼
Louisville & Nashville	52,800,000	85,771,660	2,988	Aug. 10,'99	†2	65¼	44	88⅜	63
Manhattan Consolidated	30,000,000	39,546,000	36¼	Oct. 2,'99	1	120¼	91	133⅜	97
Metropolitan Street Railway	40,000,000	21,400,000	220	Oct. 16,'99	1¾	194½	125¼	269	187¾
Mexican Central common	36,000,000	88,343,000	1,955	....	..	7⅛	4½	17½	6
Minneapolis & St. Louis	6,000,000			....	..	38¾	24	78	25¼
Minneapolis & St. L. 1st pref. 5 p.c. cum.	2,500,000	10,000,000	371	Jan. 14,'99	2½	100	80	101	97
Minn. & St. L. 2d pref. 5 p. c. non-cum.	4,000,000			July 15,'99	2½	78½	46	98½	73½
Missouri, Kansas & Texas	47,000,000	67,228,000	1,672	....	..	14	10	15⅛	11¾
Missouri, Kansas & Texas pref.	13,000,000			....	..	41	28¾	45¼	30½
Missouri Pacific	47,412,375	62,138,000	3,164	July 15,'91	1	46¼	22	52½	38¾
Mobile & Ohio	5,320,600	21,620,000	878	Feb. 28,'98	1	32½	24	52	32
Morris & Essex	15,000,000	24,744,000	120	Jan. 1,'99	3½	180	167½	185	176
National Lead†	14,905,400	....	..	Mar. 1,'99	1	39⅜	26¼	40¾	28
National Lead pref.†	14,904,000	....	..	Sept. 15,'99	1¾	115	99	115¼	108
National Steel Co. common	32,000,000	....	..	....	..	..	..	63	44
National Steel Co. pref.	26,600,000	....	..	Sept. 30,'99	1¾	..	..	99⅜	84⅛
New Jersey Central	22,497,000	50,301,100	684	Nov. 1,'99	1	99	85¼	126	97
New York Central & Hudson River	100,000,000	181,490,987	2,643	Oct. 16,'99	1	124⅞	105	143¾	121⅞
New York, Chicago & St. Louis com.	14,000,000	19,425,000	513	....	..	15⅝	11	18¾	12
New York, New Haven & Hartford	54,623,600	7,500,000	1,983	Sept. 30,'99	2	201	178¼	232	198⅛
New York, Ontario & Western	58,119,982	13,975,000	481	....	..	19⅛	13⅜	28¾	18⅜
Norfolk & Western	66,000,000	46,801,950	1,570	....	..	19⅝	10¾	28⅝	17¼
Norfolk & Western pref.	23,000,000			Aug. 24,'99	2	63⅞	42½	74¼	61½
North American Company	39,767,200	....	..	....	..	7⅞	4¼	13⅜	6⅞
Northern Pacific vtg. tr. ctfs.	79,800,000	156,432,000	4,593	Aug. 3,'99	1	44¼	19	57½	42⅝
Northern Pacific pref. vtg. tr. ctfs.	75,000,000	....	..	Dec. 5,'99	1	79¾	52	81½	72¼
Pacific Mail	20,000,000	....	..	June 1,'99	1½	46	21	55	38¾
Pennsylvania R. R. †	129,303,700	87,943,910	2,747	Nov. 29,'99	2½	125⅛	110¾	142	122⅛
People's Gas Light & Coke (Chicago)	25,000,000	34,246,000	..	Nov. 25,'99	1½	112	86⅜	129½	101
Pittsburgh, Cin., Chic. & St. L.	25,110,439	46,998,000	1,090	....	..	84⅛	38⅞	78	43
Pittsburgh, Cin., Chic. & St. L. pref.	22,693,162			Oct. 10,'99	1½	84½	57	100	80
Pressed Steel Car Co. common	12,500,000	....	..	....	..	..	..	61	44¾
Pressed Steel Car Co. pref.	12,500,000	....	..	Oct. 16,'99	1¾	..	..	91½	78
Pullman Palace Car Company	54,000,000	....	..	Nov. 15,'99	‡2	212	133	207½	156
Reading	70,000,000			....	..	25⅝	15½	25	19⅛
Reading 1st pref.	28,000,000	60,886,000	1,366	....	..	54¾	26	68⅛	52⅛
Reading 2d pref	42,000,000			....	..	29	17¾	28¼	27
Republic Iron & Steel Co. common	27,000,000	....	..	....	..	..	..	33⅞	22¼
Republic Iron & Steel Co. pref.	20,500,000	....	..	Oct. 1,'99	1¾	..	..	79	69⅛
St. Jos. & Grand Island vtg. trust ctfs.	4,600,000	3,500,000	312	....	..	8⅞	5⅛	7¼	3¾
St. Louis & San Francisco v. t. ctfs.	26,443,380			....	..	9	6	14⅞	8⅜
St. Louis & San Fran. 1st pref. v. t. r.	5,000,000	39,444,850	1,282	July 6,'99	2	70	52½	75½	66
St. Louis & San Fran. 2d pref. v. t. r.	14,335,700			Sept. 2,'99	1	35	22½	44⅞	33¼
St. Louis Southwestern	16,500,000	28,000,000	1,223	....	..	7⅝	3¾	18¼	6¾
St. Louis Southwestern pref.	20,000,000			....	..	18	7¾	40⅜	17
St. Paul, Minneapolis & Manitoba	30,000,000	71,723,454	2,771	Aug. 1,'99	1½	175	121½	199½	198
Southern Pacific Co.	121,055,170	2,501,000	7,372	....	..	35	12	44	27
Southern Railway Co. voting trust ctfs.	120,000,000	101,236,000	5,258	....	..	10¾	7⅛	14¼	10¼
Southern Railway Co. pref. 5 p. ct. T. C.	57,290,400			Oct. 4,'99	1	43¾	23⅝	57⅛	40⅞
Standard Rope & Twine	12,000,000	10,412,000	..	....	..	10⅛	3¼	15¼	6½
Tennessee C., I. & R. R. Co. common	20,000,000	9,299,169	..	May 15,'87	..	38¾	17	126	36
Texas & Pacific	38,710,900	50,000,000	1,499	....	.	20⅛	8⅞	24⅞	17⅛
Union Pacific	61,000,000	90,000,000	2,609	....	..	44⅜	16⅛	50⅛	35⅛
Union Pacific pref.	75,000,000			Oct. 2,'99	2	74⅜	45⅞	84½	72
United States Express	10,000,000	....	..	Nov. 15,'99	1½	57¾	38	60	46
United States Leather†	62,825,900	5,280,000	..	....	..	8⅞	5¼	39¾	5⅝
United States Leather pref. †	62,225,900			Oct. 2,'99	1¼	75½	53¾	84½	68
United States Rubber	23,666,000	....	..	Oct. 31,'99	1	45½	13¾	54⅞	42⅝
United States Rubber pref.	23,525,500	....	..	Oct. 31,'99	2	113¼	60	121	111
Wabash	28,000,000	81,500,000	2,327	....	..	9⅛	6	8⅞	7⅛
Wabash pref.	24,000,000			Nov. 5,'81	1½	24¼	14	25⅜	19
Wells, Fargo & Co. Express	8,000,000	....	..	July 15,'99	3	131½	112½	135½	125
Western Union Telegraph	67,370,000	14,358,895	..	Oct. 16,'99	1¼	95⅞	83	98¼	86⅝
Wheeling & Lake Erie common†	15,000,000	....	414	....	..	7	⅝	14½	5⅞
Wheeling & Lake Erie 2d pref. †	7,000,000	....	..	....	..	30¾	7¾	37	21⅛
Wisconsin Central new common†	....	....	..	....	..	..	..	21	13⅛
Wisconsin Central new pref.	....	....	..	....	..	..	..	59	49¾

* Report for 1899 to November 11. † Unlisted stocks. ‡ Including extra dividend of ½ per cent. § Includes extra dividend of 75 cents.

THE WORLD ALMANAC is indebted to "Bradstreet's" for the stock list and prices of stocks.

The total sales of shares at the New York Stock Exchange in 1898 were 113,470,383; in 1897 were 77,248,747; in 1896 were 66,440,576; in 1895 were 73,000,000; in 1894 were 49,075,032; in 1893 were 80,977,839; in 1892 were 85,875,092; in 1891 were 66,045,217; in 1890 were 56,126,365; in 1889 were 60,823,904; in 1888 were 62,845,722; in 1887 were 85,921,028; in 1886 were 102,852,804; in 1885 were 90,920,707; in 1884 were 96,865,325; in 1883 were 96,037,905; in 1882 were 113,720,655; in 1881 were 113,392,685; in 1880 were 97,200,000; and in 1879 were 74,166,652.

Railroad Statistics.

MILEAGE, ASSETS, LIABILITIES, EARNINGS, EXPENDITURES, AND TRAFFIC OF SURFACE STEAM RAILROADS IN THE UNITED STATES.

This table was compiled from "Poor's Manual of Railroads of the United States for 1899."

Mileage of Railroads	184,894.33
Side Tracks and Sidings	60,344.54
Total Track	245,238.87
Steel Rails in Track	220,803.87
Iron Rails in Track	24,435.00
Locomotive Engines, Number	36,746
Cars, Passenger	25,844
" Baggage, Mail, etc	8,049
" Freight	1,284,807
Total Cars	1,318,700
Liabilities.	
Capital Stock	$5,581,522,858
Bonded Debt	5,635,363,594
Unfunded Debt	368,182,584
Current Accounts	383,682,168
Total Liabilities	$11,968,751,204
Assets.	
Cost of Railroad and Equipment	$10,256,275,585
Real Estate, Stocks, Bonds, and Other Investments	1,594,565,979
Other Assets	265,264,972
Current Accounts	169,261,166
Total Assets	$12,285,367,702
Excess of Assets over Liabilities	$316,616,498

Miles of Railroad Operated	184,532.61
Passenger Train Mileage	344,761,142
Freight " "	542,824,509
Mixed " "	17,424,581
Total	905,010,232
Passengers Carried	514,982,288
Passenger Mileage	13,672,497,664
Tons of Freight Moved	912,973,853
Freight Mileage	114,566,173,191
Traffic Earnings.	
Passengers	$272,589,591
Freight	868,924,526
Miscellaneous	108,044,607
Total Traffic Revenue	$1,249,558,724
Net Earnings	$389,666,474
Receipts from Other Sources	104,536,904
Total Available Revenue	$494,203,378
Payments from Available Revenue.	
Rentals, Tolls, etc	$62,740,145
Interest on Bonds	237,133,099
Other Interest	5,069,290
Dividends on Stock	94,937,526
Miscellaneous	35,681,080
Total Payments	$435,561,140
Surplus	$58,642,238

COMPARATIVE STATISTICS OF RAILROADS IN THE UNITED STATES, 1888-98.

Year ending.	Miles Operated.	Capital Stock.	Bonded Debt.	Gross Earnings.	Net Earnings.	Interest Paid.	Dividends Paid.
1888	145,341	$4,438,411,342	$4,624,035,023	$950,622,008	$297,363,677	$205,280,052	$78,943,041
1889	152,689	4,495,099,318	4,828,365,771	992,856,856	318,125,339	211,171,279	79,532,863
1890	163,420	4,640,239,578	5,105,902,025	1,097,847,428	343,921,318	229,101,144	83,863,632
1891	164,324	4,809,176,651	5,235,295,074	1,138,024,459	356,209,880	231,259,810	90,719,757
1892	170,668	4,920,555,225	5,463,611,204	1,204,915,204	358,638,520	232,569,089	95,662,412
1893	173,433	5,080,032,904	5,570,292,613	1,222,618,290	364,591,109	239,616,284	95,337,681
1894	175,508	5,075,629,070	5,665,734,249	1,080,305,015	322,539,276	237,620,367	85,278,669
1895	179,887	5,231,373,852	5,712,052,517	1,105,284,267	327,505,716	242,943,243	83,175,774
1896	180,891	5,290,730,567	5,426,074,969	1,125,632,025	332,333,756	242,415,494	81,364,854
1897	181,133	5,453,782,046	5,411,058,525	1,132,866,626	338,170,195	231,046,819	82,630,989
1898	184,194	5,581,522,858	5,635,363,594	1,249,558,724	389,666,474	237,133,099	94,937,526

SUMMARY OF RAILWAY MILEAGE IN THE UNITED STATES.

(From Statistical Report of the Interstate Commerce Commission.)

Year.	Mileage on June 30, of Years Mentioned.				Miles of Line per 100 Sq. Miles.*	Miles of Line per 10,000 Inhabitants.†
	Official.	Unofficial.	Total.	Increase Over Preceding Year.		
1898	185,370.77	1,025.55	186,396.32	1,967.85	6.28	25.61
1897	182,919.82	1,508.65	184,428.47	1,651.84	6.21	25.78
1896	181,153.77	1,622.86	182,776.63	2,119.16	6.15	26.00
1895	179,175.51	1,481.96	180,657.47	1,948.92	6.08	26.16
1894	176,602.61	2,105.94	178,708.55	2,247.48	6.02	26.36
1893	170,332.30	6,128.77	176,461.07	4,897.55	5.94	26.51
1892	165,690.97	5,872.55	171,563.52	3,160.78	5.78	26.27

* On basis of 2,970,000 square miles, which covers "land surface" only, and excludes Alaska.
† On basis of 72,801,571, population for 1898, which is reached by adding to the population of the United States in 1890, 62,801,571, an estimated annual increase of 1,250,000 for each successive year.

Principal Railroad Systems of United States and Canada

WITH A SYNOPSIS OF LAST ANNUAL REPORT OF INCOME AND EXPENDITURE AS SUBMITTED TO "THE WORLD ALMANAC" BY THE RAILROAD COMPANIES.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Atchison, Topeka and Santa Fe Railway.—"Santa Fe Route." [Illinois, Iowa, Missouri, Kansas, Nebraska, Colorado, Indian Territory, Texas, New Mexico, Arizona, California, Oklahoma.] *For year ending June* 30, 1899. Total earnings.....$40,513,498 Operating expenses 29,332,964 Net earnings.....$11,180,534 Other income..... 249,434 Total net income.$11,429,968 Total payments..... 7,241,972 Balance..... $4,187,996 Dividends..... 1,427,071 Surplus..... $2,760,925	Atchison, Topeka and Santa Fe Ry., 4,713.61 m.; Gulf, Colorado and Santa Fe Ry., 1,087.6 m.; Southern California Ry., 488.2 m.; Santa Fe Pacific R.R. 818.55 m.; San Francisco and San Joaquin Valley R. R., 306.27 m. Total mileage, 7,414.23. EXPRESS Co.—Wells, Fargo & Co.	Chairman of the Board, Aldace F. Walker, New York; President, E. P. Ripley, Chicago, Ill.; 1st Vice-President, E. D. Kenna, Chicago, Ill.; 2d Vice-President, Paul Morton, Chicago, Ill.; 3d Vice-President, J. M. Barr, Chicago, Ill.; General Manager, H. U. Mudge, Topeka, Kan.; Secretary, E. Wilder, Topeka, Kan. General Offices, Chicago, Ill.; New York Offices, 59 Cedar Street, 377 Broadway, Manhattan Borough.
Atlantic Coast Line. [Virginia, North Carolina, South Carolina.] *See foot note.	Atlantic Coast Line R. R. of Va., 97.4 m.; Wilmington and Weldon R. R., 769.08 m.; Norfolk and Carolina R. R., 109.70 m.; Atlantic Coast Line R. R. of South Carolina, 739.28 m. Total mileage, 1,605.76. EXPRESS Co.—Southern.	President, Alex. Hamilton; Vice-President, H. Walter; General Manager, J. R. Kenly; Traffic Manager, T. M. Emerson. General Offices, Wilmington, N. C.; New York Office, 229 Broadway, Manhattan Borough.
Baltimore & Ohio R. R. [New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, Virginia, West Virginia, Ohio, Indiana, Illinois.] *For year ending June* 30, 1899. Total earnings.....$28,404,922 Operating expenses 21,783,322 Net earnings..... $6,621,600 Other income..... 855,289 Total net income. $7,476,889 Interest, rents, etc. 6,552,160 Surplus..... $924,729	Main Stem and Branches, 747.04 m.; Philadelphia Div., 129.42 m.; Pittsburgh Div., 391.70 m.; New York Div., 5.30 m.; West Virginia and Pittsburgh, 157.07 m.; Trans-Ohio Div., 773.27 m. Total mileage, 2,203.80 EXPRESS Co.—United States.	Chairman of Board, Wm. Salomon, New York; President, John K. Cowen; 1st Vice-President, Oscar G. Murray; 2d Vice-President and General Manager, F. D. Underwood; Secretary, C. W. Woolford. General Offices, Baltimore, Md.; New York Office, 434 Broadway, Manhattan Borough.
Baltimore and Ohio Southwestern R.R. [West Virginia, Ohio, Indiana, Illinois, Missouri.] *For year ending June* 30, 1899. Total earnings..... $6,873,275 Operating expenses 5,015 547 Net earnings.... $1,857,728 Other income..... 2,250 Total net income. $1,859,978 Interest, taxes, etc.. 1,779,024 Surplus..... $80,954	Main Line, Belpre, O., to East St. Louis, Ill., 532.34 m.; Springfield Div., 228.2 m.; Portsmouth Div., 55.4 m.; Hillsboro Div., 21.4 m.; Marietta Div., 11.1 m.; Louisville Div., 53.3 m.; Bedford Br., 11.4 m.; Carbondale Br., 5.7 m.; Watson to New Albany, 7.4 m. Total mileage, 926.2. EXPRESS Co.—United States.	President, Edward R. Bacon, New York; Vice-President and General Manager, W. M. Greene, Cincinnati, O.; Secretary, M. B. Wild, New York. General Offices, Cincinnati, O.; New York Office, 2 Wall Street, Manhattan Borough.
Bangor and Aroostook R. R. [Maine.] *For year ending June* 30, 1899. Total earnings..... $929,253 Operating expenses. 537,737 Net earnings..... $391,516 Total payments..... 342,649 Surplus..... $48,866	Oldtown to Van Buren, Me., 221 m.; Milo Junction to Greenville, 48.8 m.; Ashland Br., 42.8 m.; Fort Fairfield Br., 13.2 m.; Katahdin Iron Works Br., 13 m.; Limestone Br., 15.9 m. Total mileage, 354.7. EXPRESS Co.—American.	President, A. A. Burleigh; Vice-President and General Manager, F. W. Cram. General Offices, Bangor, Me.
Boston and Albany R. R. [Massachusetts, New York.] *For year ending June* 30, 1899. Total earnings..... $9,122,013 Operating expenses 6,677,662 Net earnings.... $2,444,351 Other income..... 203,022 Total net income $2,647,373 Int'st, rentals, etc. 2,415,980 Surplus..... $231,398	Main Line, Boston, Mass., to Albany, N.Y., 202 m.; Ware River Br., 49 m.; Athol Br., 45 m.; Pittsfield and North Adams Br., 19 m.; Hudson and Chatham Br., 17 m.; Milford Br., 12 m.; Webster Br., 11 m.; other branches, 39 m. Total mileage, 394. EXPRESS Co.—Adams; American.	President, William Bliss; Vice-President, Edward D. Hayden; General Manager, W. H. Barnes. General Offices, Boston, Mass.

*Annual report of Atlantic Coast Line of South Carolina (consolidation of Wil., Col. and Aug., Northeastern, Florence, Cheraw and Darlington, Manchester and Augusta railroads) for year ending June 30, 1899, shows total earnings, $1,974,667; operating expenses and taxes, $1,846,056; net earnings, $128,611.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Boston and Maine Railroad. [Massachusetts, Vermont, New Hampshire, Quebec, Maine.] *For year ending June* 30, 1899. Total earnings.....$19,890,607 Operating expenses 13,748,644 Net earnings..... $6,141,963 Other income..... 699,221 Total net income. $6,841,184 Fixed charges..... 5,561,769 Balance..... $1,279,415 Dividends, etc..... 1,234,002 Surplus..... $45,413	Western Div. (Boston to Portland), 115.31 m.; Eastern Div. (Boston to Portland), 108.29 m.; Conway Jct., Me., to N. Conway, N.H., 73.37 m.; Worcester, Mass., to Rochester, N.H., 94.48 m.: Boston, Mass., to Groveton, N.H., 222.32 m.; Concord, N.H., to White River Jct., Vt., 69.50 m.; White River Jct., Vt., to Sherbrook, P. Q., 142.25 m.; N. Cambridge Jct. to Northampton, Mass., 98.77 m.; Springfield, Mass., to Keene, N.H., 74 m.; other branches, 716.80 m. Total mileage, 1,715.59. Express Co.—American.	President, Lucius Tuttle; 1st Vice-President, T. A. Mackinnon; 2d Vice-President, W. F. Berry; Asst. General Manager, Frank Barr. General Offices, Boston, Mass.
Buffalo, Rochester and Pittsburgh Railway. [New York and Pennsylvania.] *For year ending June* 30, 1899. Total earnings ..... $3,801,969 Operating expenses 2,441,394 Net earnings ..... $1,360,575 Total payments.... $970,624 Balance..... $389,951 Dividends..... 120,000 Surplus $269,951	Main Line and Branches, 283.72 m.; Clearfield and Mahoning Div., 27.76 m.; Allegheny and Western Ry., 60.05 m. Total mileage, 371.53. Express Co.—American.	President, Arthur G. Yates, Rochester, N. Y.; Vice-President, Adrian Iselin, Jr., New York; Secretary, John H. Hocart. New York. General Offices Rochester, N. Y.; New York Office, 36 Wall Street, Manhattan Borough.
Burlington, Cedar Rapids and Northern Railway. [Iowa, Minnesota, S. Dakota.] *For year ending Dec.* 31, 1898. Total earnings.....$4,545,643 Operating expenses. 3,114,822 Net earnings..... $1,430,821 Other receipts..... 60,123 Total net income..$1,490,944 Total payments.... 1,106,480 Surplus..... $384,464	Main Line, 426.04 m.; Iowa City and W. Ry., 73.02 m.; Cedar Rapids, Iowa Falls and N. W. Ry., 512.48 m.; Cedar Rapids and Clinton Ry., 81.94 m.; Chicago, Decorah and Minn. Ry., 23.30 m.; Waverly Short Line, 5.68 m.; Davenport, Iowa and Dakota Ry., 31.51 m. Total mileage, 1,153.97. Express Co.—United States.	President, C. J. Ives; Vice-President, Robert Williams; Secretary, S. S. Dorwart. General Offices, Cedar Rapids, Ia.
Canada Atlantic Railway. [Quebec and Ontario.] No financial report of this road obtainable.	Ottawa to Swanton, 143 m.; Hawkesbury Br., 21 m.; Rockland Br., 16 m.; Ottawa, Arnprior and Parry S'd Div., 267 m. Total mileage, 447. Express Co.—Canadian.	President, C. J. Booth; Secretary, A. W. Fleck; General Manager, E. J. Chamberlin. General Offices, Ottawa, Ont.
Canadian Pacific Railway. [New Brunswick, Maine, Vermont, Quebec, Ontario, Michigan, Manitoba, Assiniboia, Saskatchewan, Alberta, British Columbia.] *For year ending June* 30, 1899. Total earnings.....$27,391,321 Operating expenses 15,762,226 Net earnings.....$11,469,095 Other income..... 423,366 Total net income.$11,892,461 Total payments†... 7,008,684 Surplus $4,883,777	Eastern Div., 1,785 m.; Ontario and Quebec Div., 1,259 m.; Atlantic Div., 689 m.; Western Div., 3,285 m.; Pacific Div., 766 m. Total mileage, 7,784.* Length of Main Line, Montreal to Vancouver, 2,904.8 m. Steamship lines: Royal Mail Line, Vancouver, B. C., to Japan and China; Slocan Lake Line; Upper Lake Line; Lake Okanagan Line; Columbia and Kootenay Line. Express Co.—Dominion.	Chairman of the Board, W. C. Van Horne; President, T. G. Shaughnessy; Secretary, Charles Drinkwater; Freight Traffic Manager, G. M. Bosworth; Asst. General Manager, D. McNicoll. General Offices, Montreal, Quebec; New York Offices, 59 Wall Street, 353 Broadway, Manhattan Borough.
Central of Georgia Railway. [Georgia and Alabama.] *For year ending June* 30, 1899. Total earnings..... $5,767,345 Operating expenses. 3,966,711 Net earnings..... $1,800,634 Other income..... 215,218 Total net income..$2,015,852 Total payments..... 1,956,964 Surplus..... $58,888	Columbus-Andalusia, 139 m.; Griffin-Carrollton, 60 m.; Macon-Athens, 104 m.; Gordon-Porterdale, 86 m.; Savannah-Atlanta, 294 m.; Miller-Augusta, 54 m.; Upson County R. R., 16 m.; Savannah-Tybee, 18 m.; Birmingham-Macon, 257 m.; Columbus-Americus, 65 m.; Eufaula and Ozark Br., 59 m.; Perry-Ft. Valley, 12 m.; Macon-Montgomery, 224 m.; Smithville-Columbia, 169 m.; Cuthbert-Ft. Gaines, 22 m.; Opelika-Roanoke, 39 m.; Columbus-Greenville, 51 m. Total mileage, 1,586. Express Co.—Southern.	President, H. M. Comer; Vice-President, John M. Egan; Traffic Manager, E. H. Hinton. General Offices, Savannah, Ga.; New York Office, 317 Broadway, Manhattan Borough.

* Canadian Pacific Ry. New Extensions building: Snowflake Br., 17 m.; Wascada Br., 20 m., Pipestone Extension, 50 m.; North Star Br., 20 m.; MacGregor Extension, 30 m.; Boundary Creek Line, 99 m. † Not including dividends.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Central Railroad of New Jersey. [New York, New Jersey, Pennsylvania.] *For year ending Dec.* 31, 1898. Total earnings.....$13,187,270 Operating expenses 8,068,313 Net earnings..... $5,118,957 Other receipts..... 596,526 Total net income. $5,715,483 Total payments... 5,482,629 Surplus..... $232,854	New York to Scranton, 191.66 m.; Newark Br., 10.62 m.; South Br., 15.78 m.; Perth Amboy Br., 23.38 m.; High Bridge Br., 57.22 m.; Lehigh and Lackawanna Br., 37.43 m.; sundry branches in New Jersey, 12.17 m.; sundry branches in Pennsylvania, 91.18 m.; New Jersey Southern Div., 182.85 m.; Freehold and Atlantic Div., 24.47 m.; New York and Long Branch R. R., 38.04 m. Total mileage, 684.80. Express Co.—United States. On New York and Long Branch R. R., Adams; United States.	President, J. R. Maxwell; 1st Vice-President, C. H. Warren; 2d Vice-President, S. M. Williams; General Traffic Manager, J. Lowrie Bell General Offices, 143 Liberty Street, Manhattan Borough, New York.
Central Vermont Railroad. [Connecticut, Massachusetts, Vermont, Quebec.] *For year ending June* 30, 1898. Total earnings.....$3,217,518 Operating expenses. 2,584,509 Net earnings..... $633,009 Total payments..... 327,700 Surplus $305,309	Southern Div., 161 m.; Northern Div., 360 m. Total mileage. 521. Express Co.—American.	Chairman, Chas. M. Hays, Montreal, Que.; President, E. C. Smith, Vice-President and General Manager, E. H. Fitzhugh. General Offices, St. Albans, Vt.; New York Office, 353 Broadway, Manhattan Borough.
Chesapeake & Ohio Ry. [Virginia, West Virginia, Kentucky, Ohio.] *For year ending June* 30, 1899. Total earnings.....$12,009,839 Operating expenses. 8,077,384 Net earnings.....$3,932,455 Total payments, less other income..... 3,226,325 Surplus..... $706,130	Louisville Div., 84.4 m.; James River Div., 311.2 m.; Big Sandy Div., 48.2 m.; Richmond Div., 197.4 m.; Peninsula Div., 84 m.; Washington Div., 93.5 m.; Huntington Div., 337.3 m.; Cincinnati Div., 165.4 m.; Lexington Div., 143.5 m. Total mileage, 1,464.7. Express Co.—Adams.	President, M. E. Ingalls, Cincinnati, O.; 1st Vice-President, George T. Bliss, New York; 2d Vice-President. Decatur Axtell, Richmond, Va.; Secretary, C. E. Wellford, Richmond, Va.; General Manager, George W. Stevens, Richmond, Va. General Offices, Richmond, Va.; Cincinnati, Ohio; New York Office, 362 Broadway, Manhattan Borough.
Chicago and Alton R. R. [Illinois and Missouri.] *For year ending Dec.* 31, 1898. Total earnings ....$6,286,569 Operating expenses 3,869,796 Net earnings.....$2,416,773 Other income..... 246,291 Total net income..$2,663,064 Total payments... 2,863,189 Deficit..... $200,125	Chicago to East St. Louis, 280.70 m.; Coal City Line, 24.48 m.; Dwight to Washington and Lacon, 79.75 m.; Roodhouse to Kansas City, 250.42 m.; Bloomington to Wann, via Jacksonville, Godfrey, and Upper Alton, 158 m.; Mexico to Cedar City, 50.19 m. Total mileage, 843.54. Express Co.—United States.	President, S. M. Felton; Vice-President and General Manager, C. H. Chappell; Secretary, Alex. Millar. General Offices, Chicago, Ill.; New York Office, 120 Broadway, Manhattan Borough.
Chicago and Eastern Illinois Railroad.—"Evansville Route." [Indiana and Illinois.] *For year ending June* 30, 1899. Total earnings*.....$4,581,560 Operating expenses. 2,712,920 Net earnings.....$1,868,640 Other income..... 196,689 Total net income..$2,065,329 Total payments... 1,964,731 Surplus..... ... $100,598	Main Line, 451.12 m.; branch lines, 112.86 m.; leased lines, 61.20 m.; trackage rights, 23.09 m.; Marion, Ill., to Thebes, Ill., 62.50 m. Total mileage, 710.77. Evansville and Terre Haute R. R., 167.7 m.; Evansville and Indianapolis R. R., 145.95 m. Express Co.—American. On E. & T. H. R. R. and E. & I. R. R., United States.	Chairman of the Board H. H. Porter; President, M. J. Carpenter; Vice-President, O. S. Lyford; Vice-President and Treasurer, C. W. Hillard; Secretary, H. A. Rubidge. General Offices, Chicago, Ill. E. & T. H. R. R. and E. & I. R. R.—President, H. C. Barlow; Secretary, G. S. Wright. General Offices, Evansville, Ind.; New York Office, 58 New Street, Manhattan Borough.
Chicago and Northwestern Railway.—"The Northwestern Line." [Michigan, Illinois, Iowa, Wisconsin, Minnesota, N. Dakota, South Dakota.] *For year ending May* 31, 1899. Total earnings.....$38,016,313 Operating expenses 24,828,714 Net earnings.....$13,187,599 Other income..... 543,977 Total net income.$13,731,576 Interest & dividends. 10,096,250 Surplus.....$3,635,326 See "Northwestern Line."	Wisconsin Div., 556.85 m.; Galena Div., 405.7 m.; Iowa Div., 618.43 m.; Madison Div., 509.27 m.; Ashland Div., 803.82 m.; Peninsula Div., 464.44 m.; Winona and St. Peter Div., 500.69 m.; Northern Iowa Div., 404.41 m.; Dakota Div., 723.93 m.; Western Iowa Div., 320.20 m. Total mileage, 5,307.80. See also the "Northwestern Line." Express Co.—American.	President, Marvin Hughitt, Chicago, Ill.; Vice-President and Secretary, M. L. Sykes, New York City; 2d Vice-President, M. M. Kirkman; 3d Vice-President and General Traffic Manager, H. R. McCullough; General Manager, John M. Whitman. General Offices, Chicago, Ill.; New York Offices, 52 Wall Street, 461 Broadway, Manhattan Borough.

*Evansville & Terre Haute R. R. for year ending June 30, 1899 (not included in Chicago & Eastern Illinois report): Total earnings, $1,592,126; operating expenses, $919,939; net earnings, $672,187; other income, $63,208; total net income, $735,395; total payments $584,318, surplus, $151,077.

Systems. Location. and Financial Data.	Divisions, Mileage and Operating Express.	General Officers.
Chicago and West Michigan Railway. [Indiana, Michigan.] *For year ending Dec.* 31, 1898. Total earnings.....$1,983,350 Operating expenses 1,548,177 Net earnings..... $435,173 Other income..... 5,768 Total net income. $440,941 Fixed charges..... 420,168 Surplus..... $20,773	Main Line and Branches, 581 m.; Kalkaska Br., 33 m. Total mileage, 614. Detroit, Grand Rapids and Western R. R., 451 m. Express Co.—American.	President, Charles M. Heald, Grand Rapids, Mich.; Vice-President, E. V. R. Thayer, Boston, Secretary, Charles Merriam, Boston. General Offices, Grand Rapids, Mich.
Chicago, Burlington and Quincy Railroad.—"Burlington Route." [Illinois, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Colorado, Wyoming, South Dakota, Montana.] *For year ending June* 30, 1899. Total earnings.. ...$43,389,424 Operating expenses 28,135,465 Net earnings.....$15,253,959 Other income ..... 487,822 Total net income.$15,741,781 Total payments..... 14,251,852 Surplus..... $1,489,929	Lines in Illinois, 1,443.04 m.; in Iowa, 765.55 m.; in Missouri, 134.68 m.; in Wisconsin, 223.09 m.; in Minnesota, 38.46 m Total mileage, 2,604.82. The "Burlington Route" also comprises the following railroads: Burlington and Missouri River R. R., in Nebraska, 3,513.58 m.; Hannibal and St. Joseph R.R., 297.3 m.; Kansas City, St. Joseph and Council Bluffs R.R., 309.5 m.; St. Louis, Keokuk and Northwestern R.R., 240.4 m.; Chicago, Burlington and Kansas City Ry., 220.9 m.; Burlington and Northwestern Ry., 52.5 m.; Burlington and Western Ry., 70.7 m.; Humeston and Shenandoah R. R., 112.5 m.; Keokuk and Western R.R., 259.79 m.; Fulton Co. Narrow Gauge, 59.30 m.; Dead wood Central, 9.87 m. Total mileage of Burlington System, 7,751.16. Express Co.—Adams.	President, C. E. Perkins, Burlington, Iowa; 1st Vice-President, J. C. Peasley, Chicago, Ill.; 2d Vice-President, George B. Harris, Chicago, Ill.; Secretary, T. S. Howland, Boston, Mass.; General Manager, W. C. Brown. General Offices, Chicago, Ill.; New York Office, 379 Broadway, Manhattan Borough. General Offices of Hannibal and St. Joseph R. R., at St. Louis, Mo. General Offices of Burlington and Northwestern Ry., at Burlington, Iowa. General Offices of Burlington and Missouri River R. R. in Nebraska, at Omaha, Neb. General Offices of Humeston and Shenandoah R. R., at Clarinda, Iowa.
Chicago Great Western Railway.—"Maple Leaf Route." [Illinois, Iowa, Minnesota, Missouri, Kansas.] *For year ending June* 30, 1899. Total earnings..... $5,867,739 Operating expenses 3,943,516 Net earnings..... $1,924,223 Total payments..... 1,791,894 Surplus..... $132,329	Minneapolis to Chicago, 436.67 m.; Oelwein to Kansas City, 359.95 m.; Manly Br., 49 m.; Hampton Br., 64 m.; DeKalb Br., 5.81 m.; Cedar Falls Br., 7.10 m.; Mankato and Red Wing Line, 94 m.; Mantorville Br., 7.50 m. Total mileage, 1,024.03. Express Co.—Wells, Fargo & Co.	President, A. B. Stickney; Vice-Presidents, C. W. Benson, Ansel Oppenheim, and Arnold Kalman; General Manager, S. C. Stickney; Secretary, R. C. Wight. General Offices, St. Paul, Minn., and Chicago, Ill.; New York Offices, 18 Wall Street, 319 Broadway. Manhattan Borough.
Chicago, Indianapolis and Louisville Ry.—"Monon Route." [Indiana, Illinois, Kentucky.] *For year ending Jun* 30, 1899. Total earnings..... $3,501,121 Operating expenses 2,354,950 Net earnings..... $1,146,171 Other income..... 86,686 Total net income. $1,232,857 Fixed charges..... 958,109 Surplus..... $274,748	Indianapolis, Ind., to Chicago, Ill., 183.5 m.; Lafayette and Louisville Line, 235.3 m.; Michigan City Div., 59 m.; French Lick Br., 18 m.; Switz City Br., 41.4 m. Total mileage, 537.2. Express Co.—American.	President and General Manager, W H. McDoel, Chicago, Ill.; Vice-President, A. J. Thomas, New York; Secretary, J. A. Hilton, New York. General Offices, Chicago, Ill.; New York Office, 80 Broadway, Manhattan Borough.
Chicago, Milwaukee and St. Paul Railway. [Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, South Dakota, North Dakota.] *For year ending June* 30, 1899. Total earnings..... $38,310,633 Operating expenses 23,962,837 Net earnings.....$14,347,796 Other income ..... 117,411 Total net income.$14,465,207 Interest and dividends... ..... 9,169,050 Surplus.....$5,296,157	Lines in Illinois, 317.94 m.; in Wisconsin, 1,650.71 m.; in Iowa, 1,702.07 m.; in Minnesota, 1,120.09 m.; in North Dakota, 118.21 m.; in South Dakota, 1,101.06 m.; in Missouri, 140.27 m.; in Michigan, 152.08 m. Total mileage, 6,302.43. Express Co.—United States.	Chairman, Roswell Miller, New York; President, A. J. Earling, Chicago, Ill.; Vice-President, Frank S. Bond, New York City; General Manager, W. G. Collins, Chicago; Secretary, P. M. Myers, Milwaukee, Wis. General Offices, Chicago, Ill., and Milwaukee, Wis.; New York Offices, 30 Broad Street, 381 Broadway, Manhattan Borough.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Chicago, Rock Island and Pacific Railway. [Illinois, Iowa, Missouri, Nebraska, Kansas, Oklahoma Ter., Indian Ter., Colorado.] *For year ending Mch.* 31, 1899 Total earnings..... $20,667,914 Operating expenses 13,676,110 Net earnings..... $6,991,804 Other income..... 710,467 Total net income. $7,702,271 Total payments.. . 5,889,544 Surplus..... $1,812,728	Illinois Div., 236.51 m.; Iowa Div., 1,068.76 m.; Missouri Div. .286.91 m.; Nebraska Div., 250.44 m.; Kansas Div., 1,124.30 m.; Colorado Div., 376.94 m.; Oklahoma Div., 167.3[illegible] m.; Indian Ter. Div., 108.19 m. Total mileage, 3,619.37. Express Co.—United States.	President, W. G. Purdy; Vice-President and General Manager, H. A. Parker; 2d Vice-President, Robert Mather; 3d Vice-President, J. M. Johnson. General Offices, Chicago, Ill.; New York Offices, 13 William Street, 305 Broadway, Manhattan Borough.
Cincinnati, Hamilton & Dayton Railway. [Ohio and Indiana.] *For year ending June* 30, 1899. Total earnings..... $5,135,385 Operating expenses 3,659,406 Net earnings..... $1,475,979 Other income..... 106,118 Total net income. $1,582,097 Total payments.... 1,411,737 Surplus..... $170,360	Cincinnati and Toledo Line, 202.03 m.; Indianapolis Div., 98.9[illegible] m.; Wellston Div., 188 m.; Delphos Div., 98.27 m.; Cincinnati and Dayton R. R., 14 m.; North Baltimore Div., 21 m.; Findlay Div., 17.60 m., Piqua and Troy Br. R. R., 8.30 m., Home Ave. R. R., 3.50 m. Total mileage, 651.60. Express Co.—United States.	President, M. D. Woodford; Vice-President, Eugene Zimmerman; General Manager, C. G. Waldo; Secretary, F. H. Short. General Offices, Cincinnati, O.
Cleveland, Cincinnati, Chicago and St. Louis Railway.—"Big Four Route." [Ohio, Indiana, Michigan, Illinois.] *For year ending June* 30, 1899. Total earnings..... $14,719,362 Operating expenses 10,645,556 Net earnings.... $4,073,806 Other income..... 23,592 Total net income. $4,097,398 Total payments.... 3,373,710 Surplus..... $723,688	Cleveland-Indianapolis Div., 341 m.; Mt. Gilead Short Line, 2 m.; Cincinnati-Sandusky Div., 320 m.; St. Louis Div., 266 m.; Chicago Div., 377 m.; Cairo Div., 270 m.; Peoria and Eastern Div., 352 m.; White Water Div., 70 m.; Michigan Div., 299 m.; Kankakee and Seneca Div., 42 m. Total mileage, 2,339. Express Co.—American.	President, M. E. Ingalls; Vice-President, J. D. Layng, New York; General Manager, C. E. Schaff; Secretary, E. F. Osborn. General Offices, Cincinnati, O.; New York Office, Grand Central Station, Manhattan Borough.
Colorado and Southern Railway.—"The Colorado Road." [Colorado, Wyoming, New Mexico, and Texas.] No financial report issued for 1899. Fiscal year closes June 30, 1900.	Pueblo Dist., 134.05 m.; Trinidad Dist., 113.65 m.; New Mexico Dist., 191.86 m., Clear Creek Dist., 65.49 m.; Ft. Collins Dist., 148.97 m.; Platte Cañon Dist., 98.36 m.; Leadville Dist., 71.24 m.: Gunnison Dist., 164.25 m.; Wyoming Dist., 153.68 m. Total mileage, 1,141.55. Express Co.—Wells, Fargo & Co.	Chairman of the Board, G. M. Dodge, New York; President and General Manager, Frank Trumbull; Vice-President and Traffic Manager, B. L. Winchell; Secretary, Charles Wheeler; Assistant Secretary, Harry Bronner, New York. General Offices, Denver, Col.; New York Offices, 20 Broad Street and 398 Broadway, Manhattan Borough.
Delaware and Hudson Railroad. [Pennsylvania, New York, Vermont.] *For year ending June* 30, 1899. Total earnings..... $10,277,740 Operating expenses 5,828,227 Net earnings..... $4,449,513 Other income..... 9,545 Total net income. $4,459,058 Total payments.... 2,768,710 Surplus..... $1,690,347	Pennsylvania Div., 157 m.; Saratoga and Champlain Div., 343 m.; Susquehanna Div., 187 m.; Adirondack Ry., 57 m. Total mileage, 744. Express Co.—National.	President, R. M. Olyphant, New York; Vice-President, James Roosevelt; 2d Vice-President, H. G. Young, Albany, N. Y.; Secretary, F. M. Olyphant, New York. General Offices, 21 Cortlandt Street, Manhattan Borough, New York. President Adirondack Ry., R. S. Grant, 21 Cortlandt Street, Manhattan Borough, New York.
Delaware, Lackawanna and Western Railroad. [New York, New Jersey, Pennsylvania.] *For year ending June* 30, 1899. Total earnings.... $8,759,684 Operating expenses 3,958,643 Net earnings..... $4,801,041 Total payments.... 2,467,826 Surplus..... $2,333,215	Main Line, 115 m.; Buffalo Div., 214 m.; Morris and Essex Div., 120 m.; Bloomsburg Div., 80 m.; Syracuse and Binghamton Div., 81 m.; Cayuga Div., 34 m.; Utica Div., 105 m.; Sussex R. R., 30 m.; Oswego and Syracuse Div., 35 m.; other branches, 86 m. Total mileage, 900. Express Co.—United States.	Chairman of the Board, Samuel Sloan; President, W. H. Truesdale; Vice-President, E. R. Holden; Secretary, Frederick F. Chambers; Traffic Manager, B. D. Caldwell. General Offices, 26 Exchange Place, Manhattan Borough, New York.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Denver and Rio Grande Railroad. [Colorado and New Mexico.] *For year ending June* 30, 1899. Total earnings..... $9,270,247 Operating expenses 5,710,350 Net earnings..... $3,559,897 Other income ..... 110,327 Total net income. $3,670,224 Total payments.... 3,637,084 Surplus..... $33,140	Denver to Grand Junction, 461.86 m.; Salida to Grand Junction, 209.04 m.; Mear's Junction to Silverton, 319.86 m.; Antonito to Santa Fe, 125.70 m.; Pueblo to Trinidad, 91.33 m.; other branches, 458.25 m. Total mileage, 1,666.04. Express Co.—Denver & Rio Grande.	Chairman of the Board, George Coppell, New York; President and General Manager, Edward T. Jeffery, Denver, Col.; Secretary, Edgar H. Booth, New York. General Offices, Denver, Col.; New York Offices, 47 William Street, 353 Broadway, Manhattan Borough.
Duluth, South Shore and Atlantic Railway.—"The Marquette Route." [Michigan, Wisconsin, Minnesota.] *For year ending June* 30, 1899. Total earnings..... $2,007,724 Operating expenses 1,332,372 Net earnings..... $675,352 Other income..... 5,281 Total net income.. $680,633 Total payments..... 929,084 Deficit..... $248,451	Main Line, 517.44 m.; other branches, 52.28 m. Total mileage, 569.72. Express Co.—Western.	President, Samuel Thomas, New York; 1st Vice-President, T. G. Shaughnessy, Montreal, Can.; 2d Vice-President and General Manager, W. F. Fitch, Marquette, Mich.; Secretary, George H. Church, New York. General Offices, Marquette, Mich.; New York Office, 45 William Street, Manhattan Borough.
Erie Railroad. [New York, New Jersey, Pennsylvania, Ohio, Indiana, Illinois.] *For year ending June* 30, 1899. Total earnings.....$33,152,703 Operating expenses 25,169,926 Net earnings..... $8,582,777 Other income..... 557,576 Total net income $9,140,353 Total payments.... 8,486,555 Surplus..... $653,798	*Erie Division:* New York Div., 207 m.; Delaware Div., 128 m.; Susquehanna Div., 140 m.; Jefferson Div., 39 m.; Tioga Div., 65 m.; Rochester Div., 147 m.; Buffalo Div., 204 m.; Allegheny Div., 128 m.; Bradford Div., 71 m. *Ohio Division:* Meadville Div., 228 m.; Cincinnati Div., 197 m.; Mahoning Div., 161 m.; Lima Div., 127 m.; Chicago Div., 142 m. Greenwood Lake Div., 48 m.; Northern R.R. of New Jersey, 28 m.; Orange Br., 4 m.; Caldwell Br., 6 m. Total mileage of Erie R. R., 2,166. Express Co.—Wells, Fargo & Co.	President, E. B. Thomas; 1st Vice-President, Geo. M. Cumming; 2d Vice-President, W. F. Merrill; 3d Vice-President, Andrew Donaldson; 4th Vice-President, G. G. Cochran; Secretary, J. A. Middleton. General Offices, 21 Cortlandt Street, Manhattan Borough, New York. Chicago and Erie R. R.—President, J. G. McCullough; Secretary, D. Bosman. General Offices, 21 Cortlandt Street, Manhattan Borough, New York.
Fitchburg Railroad.—"Hoosac Tunnel Route." [Massachusetts, New Hampshire, Vermont, New York.] *For year ending June* 30, 1899. Total earnings.....$7,647,080 Operating expenses. 5,312,555 Net earnings.....$2,334,525 Total payments..... 2,222,260 Surplus..... $112,265	Main Line, Boston, Mass., to Troy, N. Y., 191 m.; Vermont to Rotterdam Junction, 61 m.; Ashburnham Junction to Bellows Falls, 54 m.; Saratoga and Schuylerville Br., 26 m.; Worcester Br., 36 m.; Marlboro and Hudson Br., 12 m.; Milford Br., 21 m.; Turner's Falls Br., 3 m.; Ashburnham Br., 3 m.; Bennington Br., 5 m., Peterboro and Shirley Br., 24 m.; Monadnock Br., 16 m., Watertown Br., 7 m. Total mileage, 459. Express Co.—American; National.	President, E. D. Codman; General Traffic Manager, A. S. Crane. General Offices, Boston, Mass.
Flint and Pere Marquette Railroad. [Michigan.] *For year ending Dec.* 31, 1898. Total earnings..... $3,063,208 Operating expenses 2,279,028 Net earnings..... $784,180 Total payments..... 642,896 Surplus..... $141,284	Main Line, 274.69 m.; Bay City Div., 14.55 m.; Flint River Div. 19.51 m.; Harbor Beach Div., 18.4 m.; Mt. Pleasant Div., 14 m.; Harrison Div., 17 m.; Port Austin Div., 92 m.; Eastern Div., 90 m.; Manistee Div., 27 m.; Almont Div., 34 m.; Detroit Br., 24.60 m. Total mileage, 625.75. "Ludington Line" steamers to Milwaukee, 93 miles. Ludington-Manitowoc Line, 58 miles. Express Co.—American.	President, W. W. Crapo, New Bedford, Mass.; Secretary, H. C. Potter, Jr.; General Manager, S. T. Crapo. General Offices, Saginaw, Mich.
Florida Central and Peninsular Railroad. [South Carolina, Georgia, Florida.] *For year ending June* 30, 1898. Total earnings..... $2,701,165 Operating expenses 1,747,293 Net earnings..... $953,872 Other income..... 5,460 Total net income $959,332 Total payments.... 628,678 Surplus..... $330,654	Northern Div., 282 m.; Western Div., 234 m.; Central and Southern Divs., 433 m. Total mileage, 949. This road is now part of the Seaboard Air Line System. Express Co.—Southern.	President, J. S. Williams, Richmond, Va.; General Manager, E. St. John, Portsmouth, Va. General Offices, Jacksonville, Fla.; New York Offices, 32 Nassau Street, 371 Broadway, Manhattan Borough.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Florida East Coast Railway. [Florida.] No financial report of this road obtainable. Road owned by Flagler interests.	Jacksonville to Miami, 366 m.; Titusville Br., 47 m.; Orange City Junction Br., 27.4 m.; other branches, 7.6 m. Total mileage, 448. Also connects with Steamship Lines from Miami Key West, Havana, Nassau, N. P. Express Co.—Southern.	President, H. M. Flagler, New York; Vice-President and General Manager, J. R. Parrott; 2d Vice-President, R. W. Parsons; 3d Vice-President, J. E. Ingraham; Traffic Manager, J. P. Beckwith; Secretary J. C. Salter, New York General Offices, St. Augustine, Fla.; New York Office, 26 Broadway, Manhattan Borough.
Fort Worth and Denver City Railway.—"The Denver Road." [Texas.] *For year ending Dec.* 31, 1898. Total earnings..... $1,479,434 Operating expenses. 1,037,625 Net earnings..... $441,809 Other income..... 17,880 Total net income.. $459,690 Total payments.... 462,365 Deficit..... $2,675	Fort Worth, Tex., to Texline, 452.4 m. Express Co.—Wells, Fargo & Co.	President, Frank Trumbull, Denver, Col.; Vice-President and Traffic Manager, D. B. Keeler, Fort Worth, Tex.; Vice-President, T. F. Dunaway, Denver, Col.; Secretary, George Strong, Fort Worth, Tex. General Offices, Fort Worth, Tex.; New York Office, 398 Broadway, Manhattan Borough.
Georgia and Alabama Railway. [Georgia and Alabama.] *For year ending June* 30, 1899. Total earnings..... $1,270,104 Operating expenses 963,018 Net earnings..... $307,086 Fixed charges not reported by the company.	Savannah, Ga., to Montgomery, Ala., 340 m.; Columbus Div., 39 m.; Albany Div., 49 m.; Fitzgerald Div., 31 m. Total mileage, 459. This road is now part of the Seaboard Air Line System. Express Co.—Southern.	President, John S. Williams, Richmond, Va.; Vice-President and General Manager, E. St. John, Portsmouth, Va. General Offices, Savannah, Ga.; New York Office, 371 Broadway, Manhattan.
Georgia Southern and Florida Ry.—"Suwanee River Route." [Georgia and Florida.] *For year ending June* 30, 1899. Total earnings..... $953,797 Operating expenses 695,714 Net earnings..... $258,083 Other income..... 3,301 Total net income $261,384 Total payments.... 181,250 Surplus..... $80,134	Macon, Ga., to Panama, Fla., 285 m. Express Co.—Southern.	President, Samuel Spencer, New York: Vice-President, Wm. C. Shaw; Secretary, Ben. C Smith. General Offices, Macon, Ga.
Grand Rapids and Indiana Railway. [Indiana and Michigan.] *For year ending Dec.* 31, 1898. Total earnings..... $2,171,717 Operating expenses 1,575,095 Net earnings..... $596,622 Total payments..... 483,701 Surplus $112,921	Richmond, Ind., to Mackinaw City Mich., 460 m.; Traverse City Div., 36 m.; Muskegon Div., 40 m.; Manistee Br., 19 m.; Harbor Springs Br., 6 m.; Lake City Br., 25 m.; other branches, 12 m. Total mileage, 588. Express Co.—Adams.	President, James McCrea, Pittsburgh, Pa.; Vice-President, W. R. Sheiby, General Manager, J. H. P. Hughart; Secretary, R. R. Metheany. General Offices, Grand Rapids, Mich.
Grand Trunk Railway. [Maine, New Hampshire, Vermont, Quebec, Ontario, Illinois, Indiana, Michigan.] *For year ending June* 30, 1899. Total earnings..... $25,056,145 Operating expenses 17,328,517 Net earnings..... $7,727,628 Other income..... 1,016,576 Total net income. $8,744,204 Total payments.... 6,993,752 Surplus $1,750,452	Eastern Div., 348 m.: Middle Div., 1,497 m.; Northern Div., 895 m.; Western Div., 846 m. Total mileage, 4,186. Express Co.—Canadian. On Chicago and Grand Trunk Ry., National.	President, C. Rivers Wilson, London, Eng.; General Manager, Chas. M. Hays. General Offices, Montreal, Quebec; New York Office, 290 Broadway, Manhattan Borough.
Great Northern Railway. [Minnesota, North Dakota, South Dakota, Montana, Idaho, Washington.] *For year ending June* 30, 1899. Total earnings.... $25,017,903 Operating expenses 16,115,679 Net earnings..... $8,902,224 Other income..... 2,673,825 Total net income. $11,576,049 Total payments.... 9,788,857 Surplus..... $1,787,192	Great Northern Ry., 4,092.33 m.; Eastern Ry. of Minnesota. 339 44 m.; Montana Central Ry., 261.69 m.; Wilmar and Sioux Falls Ry., 205 25 m.; Duluth, Watertown and Pacific Ry., 69.84 m. Total mileage, 4,968.55. Express Co.—Great Northern.	President, J. J. Hill; Vice-President, W. P. Clough; 2d Vice-President. D. Miller; 3d Vice-President, James N. Hill; Secretary, E. T. Nichols, New York; General Traffic Manager, F. B. Clarke. General Offices, St. Paul, Minn.; New York Offices, 27 Pine Street, 375 Broadway, Manhattan Borough.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Houston and Texas Central Railroad. [Texas.] *For year ending June* 30, 1899. Total earnings..... $3,805,626 Operating expenses. 2,414,001 Net earnings..... $1,391,625 Other income..... 700 Total net income. $1,392,325 Total payments..... 924,422 Surplus..... $467,903	Main Line, 338 m.; Western Div., 115 m.; Waco Br., 47 m. Total mileage, 500. Express Co.—Wells, Fargo & Co.	President, Thomas H. Hubbard, New York; Vice-President and General Manager, G. A. Quinlan; Secretary, E. W. Cave; Traffic Manager, C. W. Bein. General Offices, Houston, Tex.; New York Offices, 23 Broad Street and 349 Broadway, Manhattan Borough.
Illinois Central Railroad. [Illinois, Indiana, Wisconsin, Iowa, Minnesota, South Dakota, Kentucky, Tennessee, Mississippi, Louisiana, Alabama.] *For year ending June* 30, 1899. Total earnings.....$28,114,689 Operating expenses 19,562,262 Net earnings..... $8,552,427 Other income..... 2,581,078 Total net income. $11,133,505 Total payments.... 11,089,544 Surplus..... $43,961	Illinois Central R. R., 705.50 m.; Kankakee and Southwestern R. R., 131.26 m.; Chicago and Springfield R. R., 111.47 m.; Chicago, Havana and Western R. R., 131.62 m.; Rantoul R. R., 74.43 m.; Chicago, Madison and Northern R. R., 231.30 m.; St. Louis Div. (St. L., A. & T. H. R. R.), 239.04 m.; Chicago and Texas R. R., 78.70 m.; Dubuque and Sioux City R. R., 599.59 m.; Chicago, St. Louis and N. O. R. R., 1,244.88 m.; other branches, 130.95 m. Total mileage, 3,678.74. Yazoo and Miss. Val. R. R., 969.13 m. Express Co.—American.	President, Stuyvesant Fish, New York; Vice-President, J. C. Welling; 2d Vice-President, J. T. Harahan; Secretary, A. G. Hackstaff, New York. General Offices, Chicago, Ill.; New York Offices, 214 and 387 Broadway, Manhattan Borough. General Offices, Yazoo and Mississippi Valley R. R., Memphis, Tenn., and Chicago, Ill.
Intercolonial Railway. [Nova Scotia, New Brunswick, Quebec.] *For year ending June* 30, 1898. Total earnings.....$3,117,670 Operating expenses. 3,257,649 Deficit..... $139,979	Halifax and Montreal Line, 836.73 m.; St. John Br., 89.22 m.; Truro and Sydney Line, 214.17 m.; Oxford and Pictou Br., 69.10 m.; other branches, 105.65 m. Total mileage, 1,314.87. Express Co.—Canadian; Dominion.	General Manager, D. Pottinger. General Offices, Moncton, N. B.
International and Great Northern Railroad. [Texas.] *For year ending Dec.* 31, 1898. Total earnings.....$3,990,354 Operating expenses. 2,789,500 Net earnings.....$1,201,354 Other income..... 1,867 Total net income..$1,203,221 Total payments..... 1,156,700 Surplus..... $46,521	Gulf Div. 282 m.; Columbia Br., 50 m.; San Antonio Div., 415 m.; other branches, 78 m. Total mileage, 825. Express Co.—Pacific.	President, George J. Gould, New York; 1st Vice-President, S. H. H. Clark, Omaha, Neb.; 2d Vice-President, Frank J. Gould, New York; 3d Vice-President and General Superintendent, L. Trice; Secretary, A. R. Howard; Asst. Secretary, H. B. Henson, New York. General Offices, Palestine, Tex.; New York Offices, 195 and 391 Broadway, Manhattan Borough.
Iowa Central Railway. [Iowa and Illinois.] *For year ending June* 30, 1899. Total earnings ..... $2,135,550 Operating expenses 1,495,679 Net earnings..... $639,871 Interest, taxes, etc. 624,540 Surplus $15,331	North and South Divs., 169 m.; Eastern and Illinois Divs., 190 m.; State Centre Br., 27 m.; Newton Br., 30 m.; Belmond Br., 64 m.; Stony City Br., 39 m.; Montezuma Br., 14 m.; Albia and Centreville Ry., 24 m. Total mileage, 557. Express Co.—Adams.	President, R. J. Kimball, New York; Vice-President, Geo. R. Moore, New York; Acting General Manager, J. N. Tittemore, Marshalltown, Iowa; Secretary, S. S. Jones, New York. General Offices, Marshalltown, Iowa; New York Office, 20 Broad Street, Manhattan Borough.
Kansas City, Fort Scott and Memphis Railroad [Alabama, Mississippi, Tennessee, Arkansas, Missouri, Kansas.] *For year ending June* 30, 1899. Total earnings..... $6,203,243 Operating expenses 4,364,088 Net earnings..... $1,839,155 Other income..... 41,667 Total net income..$1,880,822 Fixed charges..... 1,852,488 Surplus..... $28,334	Main Line, 735 m.; Rich Hill Br., 24 m.; Kansas City and Joplin Div., 79 m.; Current River R. R., 81 m.; Kansas City, Clinton and Springfield Ry., 154 m.; Bessemer Br., 11 m.; Cherryvale Line, 74 m.; Aberdeen Br., 13 m.; Aurora Div., 33 m. Total mileage, 1,204. Express Co.—On lines north of Springfield, Mo., Adams; on lines south of Springfield, Mo., Southern.	Chairman Board Directors, H. H. Hunnewell, Boston, Mass.; President and General Manager, Edward S. Washburn; Secretary, C. Merriam, Boston, Mass. General Offices, Kansas City, Mo.
Kansas City, Pittsburg and Gulf Railroad.—"Port Arthur Route." [Missouri, Indian Ter., Arkansas, Texas, Louisiana.] *For year ending June* 30, 1899. Total earnings..... $3,593,505 Operating expenses 2,678,499 Net earnings..... $915,006 Other income..... 39,874 Total net income, $954,880 Total payments.... 1,271,883 Deficit..... $317,003	Kansas City, Mo., to Port Arthur, Tex., 786 m.; other branches, 45 m. Total mileage, 831. Express Co.—Wells, Fargo & Co.	Receivers, S. W. Fordice and W. Withers; General Manager, J. A. Edson. General Offices, Kansas City, Mo.; New York Office, 1 Nassau Street, Manhattan Borough.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Lake Erie and Western Railroad. — "Natural Gas Route." [Ohio, Indiana, Illinois.] *For year ending June* 30, 1899. Total earnings.....$3,528,407 Operating expenses. 1,970,622 Net earnings.. .....$1,567,785 Interest, taxes, etc... 775,550 Surplus..... $792,235	Main Line, 420 m.; Indianapolis and Michigan City Div.; 162 m.; Fort Wayne and Connorsville Div., 109 m.; Rushville Br., 24 m.; Minster Br., 10 m.; Northern Ohio Ry., 161.75 m. Total mileage, 886.75. Express Co.—United States.	Chairman of Board, F. W. Whitridge; President, ——-——, ——; Vice-President and Secretary, L. M. Schwan, New York; Vice-President and General Manager, George L. Bradbury, Chicago, Ill. General Offices, 80 Broadway, Manhattan Borough, New York; Chicago, Ill., and Indianapolis, Ind.
Lake Shore and Michigan Southern Railway [New York, Pennsylvania, Ohio, Michigan, Indiana, Illinois.] *For year ending June* 30, 1899. Total earnings.....$21,649,206 Operating expenses 13,901,574 Net earnings..... $7,747,632 Other income..... 292,108 Total net income $8,039,740 Total payments.... 7,252,092 Surplus..... $787,648	Eastern Div., 185 m.; Toledo Div., 190 m.; Michigan Div., 286 m.; Western Div., 101 m.; Franklin Div., 137 m.; Detroit Div., 159 m.; Lansing Div., 224 m.; Kalamazoo Div., 131 m. Total mileage, 1,413. Express Co.—Buffalo to Cleveland, American; Buffalo to Chicago, United States.	Chairman of the Board, Chauncey M. Depew, New York; President, W. H. Newman, Cleveland, O.; Vice-President and Secretary, E. D. Worcester, New York; General Superintendent, P. S. Blodgett, Cleveland, O. General Offices, Grand Central Station, Manhattan Borough, New York, and Cleveland, O.
Lehigh Valley Railroad. [New York, New Jersey, Pennsylvania.] *For year ending Nov.* 30, 1898. Total earnings.....$19,742,537 Operating expenses 14,188,227 Net earnings..... $5,554,310 Other income..... 1,244,945 Total net income. $6,799,255 Fixed charges..... 6,325,151 Surplus..... $474,104	Main Line, New York to Sayre, Pa., 268.37 m.; Lehigh Valley Ry. of N. Y. and branches, N. Y. State Line to Buffalo, 280.86 m.; Coal Branches, 116.60 m.; Pottsville Div., 39.63 m.; L. and N. Y. R. R., 115.37 m.; Bowman's Creek Br. and State Line and Sullivan R. R., 74.66 m.; Elmira and Cortland Br., 139.14 m.; Naples Br., 29.4 m.; Montrose Ry., 27.24 m.; other branches, 239.30 m. Total mileage 1,330.60. Express Co.—United States.	President, Alfred Walter; Vice-President, John B. Garrett, New York; Secretary, John R. Fanshawe; General Traffic Manager, H. H. Kingston, New York. General Offices, Philadelphia, Pa.; New York Office, 26 Cortlandt Street, Manhattan Borough.
Long Island Railroad. [Long Island, New York.] *For year ending June* 30, 1899. Total earnings.....$4,622,474 Operating expenses 3,311,371 Net earnings.....$1,311,103 Other income..... 161,999 Total net income. $1,473,102 Total payments. .... 1,223,031 Surplus..... $250,071	Main Line, Long Island City to Greenport, 94.42 m.; Long Island City to Great Neck, 13.59 m.; Bushwick to Sag Harbor, 95.66 m. Branches—Floral Park to Creedmoor, 1.91 m.; Mineola to Oyster Bay, 14.56 m.; Mineola to Hempstead Crossing, 1.50 m.; Hicksville to Old Northport, 15.05 m.; Manor to Eastport Junction, 5.49 m.; Whitestone Junction to Whitestone Landing, 4.82 m.; Flushing Junction to Bushwick Junction, 1.63 m.; Valley Stream to New York and Rockaway Beach R. R. Junction, 5.53 m.; Pearsalls to Long Beach, 6.41 m.; Long Island City to Flushing Junction, 2.29 m.; Floral Park to Babylon, 19.56 m.; Garden City to Hempstead, 1.23 m. Leased Lines—New York and Rockaway B. R. R., 5.17 m.; North Shore Branch, 30.29 m.; Manhattan Beach Ry., 18.99 m.; Brooklyn and Jamaica R. R., 10.23 m.; Montauk Ext. R. R., 20.84 m.; N. Y. Bay Extension R. R., 6.12 m.; Great Neck and Pt. Washington R. R., 4.19 m. Total mileage, 379.48. Express Co.—Long Island.	President, W. H. Baldwin, Jr.; Vice-President, Charles M. Pratt, New York City. General Offices, Long Island City, Queens Borough, New York, and 32 Nassau Street, Manhattan Borough, New York.
Louisville, Evansville and St. Louis Consolidated Railroad.—"Air Line." [Kentucky, Indiana, Illinois, Missouri.] *For year ending June* 30, 1899. Total earnings.....$1,630,164 Operating expenses. 1,160,969 Net earnings..... $469,195 ther income..... 24,252 Total net income. $493,447 Fixed charges not reported.	Louisville to St. Louis, 273 m.; Evansville Div., 54 m.; Rockport Div., 16 m.; Lincoln City and Cannelton Div., 23 m.; Venice Br., 7 m.; Belleville Br., 1 m. Total mileage, 374. Express Co.—Adams.	Receiver and General Manager, Geo. T. Jarvis. General Offices, Louisville, Ky.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Louisville and Nashville Railroad. [Kentucky, Indiana, Illinois, Virginia, Tennessee, Alabama, Florida, Louisiana, Mississippi.] *For year ending June* 30, 1899. Total earnings.....$23,759,486 Operating expenses 15,731,588 Net earnings..... $8,027,898 Other income..... 540,645 Total net income $8,568,543 Total payments... 7,789,643 Surplus..... $778,900	Cincinnati to Louisville, 110 m.; Louisville to Nashville, 186 m.; Nashville to New Orleans, 625 m.; Memphis Junction to Memphis, 259 m.; St. Louis to Nashville, 320 m.; Louisville to Lexington, 94 m.; other branches, 1,564 m. Total mileage, 3,158. Express Co.—Adams Express for places north of Nashville, Guthrie, and Henderson. Southern Express for places on Henderson Division from Henderson to Nashville; the Memphis Line, Guthrie to Memphis, and lines south of Nashville.	President, Milton H. Smith, Louisville, Ky.; Chairman of Board, August Belmont, New York; 1st Vice-President, Stuart R. Knott, Louisville, Ky.; 2d Vice-President, A. M. Quarrier, New York; Secretary, J. H. Ellis; General Manager, J. G. Metcalfe. General Offices, Louisville, Ky.; New York Offices, 120 and 353 Broadway, Manhattan Borough.
Maine Central Railroad. [Maine, New Hampshire, Vermont, Quebec.] *For year ending June* 30, 1899. Total earnings..... $5,022,097 Operating expenses 3,283,337 Net earnings..... $1,738,760 Other income..... 81,071 Total net income $1,819,831 Total payments.... 1,368,178 Balance..... $451,653 Dividends, etc..... 397,976 Surplus..... $53,677	Portland to Vanceboro, via Augusta, 250.90 m.; Cumberland Junction to Skowhegan, 91.20 m.; Bath to Lewiston and Farmington, 76.30 m.; Belfast Br., 33.13 m.; Dexter Br., 30.77 m.; Bucksport Br., 18.80 m.; Stillwater Br., 3.01 m.; Enfield Br., 3.03 m.; Mt. Desert Br. (including Steam Ferry), 48.83 m.; Portland to Lunenburg, 109.10 m.; Quebec Junction to Lime Ridge, 108.18 m.; Bath to Rockland (including Steam Ferry), 48.99 m. Total mileage, 822.93. Express Co.—American.	President, Lucius Tuttle; Vice-President and General Manager, George F. Evans. General Offices, Portland, Me.
Michigan Central R.R. [New York, Ontario, Michigan, Ohio, Indiana, Illinois.] *For year ending Dec.* 31, 1898. Total earnings.....$14,046,148 Operating expenses 10,545,972 Net earnings..... $3,500,176 Other income..... 44,678 Total net income. $3,544,854 Interest, rentals, dividends, and Canada So. Ry... 3,540,121 Surplus..... $4,733	Main Line, Buffalo to Chicago, 535.4 m.; Toledo Div., 59 m.; St. Clair Div., 66.4 m.; Grand Rapids Div., 94.5 m.; Mackinac Div., 152.3 m.; Air Line Div., 103.7 m.; Saginaw Div., 115.3 m.; Bay City Div., 109 m.; Saginaw Bay and N. W. Div., 62.9 m.; other branches, 315.1 m. Total mileage, 1,643.6. Express Co.—American.	Chairman of the Board, Chauncey M. Depew, New York; President, H. B. Ledyard, Detroit, Mich.; Vice-President and Secretary, E. D. Worcester, New York. General Offices, Grand Central Station, Manhattan Borough, New York; Chicago, Ill.; Detroit, Mich.
Minneapolis & St. Louis Railroad.—"Albert Lea Route." [Minnesota, Iowa, S. Dakota.] *For year ending June* 30, 1899. Total earnings..... $2,500,004 Operating expenses 1,522,705 Net earnings..... $977,299 Other income..... 140,903 Total net income. $1,118,202 Total payments.... 954,123 Surplus..... $164,079	Albert Lea and Southern Divs., 261.36 m.; Western and Pacific Divs., 216.87 m.; Southwestern Div., 154 m. Total mileage, 632.23. Express Co.—United States.	President, Edwin Hawley, New York; Vice-President and General Manager, L. F. Day; Secretary, Jos. Gaskell. General Offices, Minneapolis, Minn.; New York Offices, 17 Broad Street and 349 Broadway, Manhattan Borough.
Minneapolis, St. Paul and Sault Ste. Marie Railway—"Soo Line." [Michigan, Wisconsin, Minnesota, North Dakota.] *For year ending June* 30, 1899. Total earnings..... $4,413,312 Operating expenses 2,704,033 Net earnings..... $1,709,279 Fixed charges..... 1,334,221 Surplus..... $375,058	Wisconsin and Peninsula Div., 494.1 m.; Minnesota Div., 550.3 m.; Bismarck Line, 191.5 m.; Rapid River Br., 28 m. Total mileage, 1,263.9. Express Co.—Western.	President, Thomas Lowry; Vice-President, John Martin; General Manager, E. Pennington; Secretary, C. F. Clement. General Offices, Minneapolis, Minn.; New York Offices, 59 Wall Street, 353 Broadway, Manhattan Borough.
Mobile and Ohio R.R. [Missouri, Illinois, Kentucky, Tennessee, Mississippi, Alabama.] *For year ending June* 30, 1899. Total earnings..... $4,128,388 Operating expenses 3,079,522 Net earnings..... $1,048,866 Other income ..... 402,764 Total net income. $1,451,630 Total payments. .. 1,416,275 Surplus..... $35,355	Main Line, Cairo, Ill., to Mobile, Ala., 493 m.; Aberdeen Br., 9 m.; Starkville Br., 11 m.; Artesia, Miss., to Montgomery, Ala., 182 m.; Warrior Br., 9 m.; Blocton Br., 13 m.; St. Louis, Mo., to Cairo, Ill. (operated under lease), 152 m.; Millstadt Br., 7 m. Total mileage, 876. Mobile and Bay Shore Ry., 42.34 m. Express Co.—Southern.	Chairman of the Board, W. Butler Duncan, New York; President, E. L. Russell, Mobile, Ala.; Vice-President, J. H. Fay, New York; Secretary, Henry Tacon, Mobile, Ala. General Offices, Mobile, Ala.; New York Office, 11 Pine Street, Manhattan Borough.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Missouri, Kansas and Texas Railway.—"The Katy Route." [Missouri, Kansas, Indian Territory, Texas.] *For year ending June* 30, 1899. Total earnings.....$11,930,334 Operating expenses 8,012,828 Net receipts ..... $3,917,506 Other income..... 61,588 Total net income. $3,979,094 Total payments.... 3,430,411 Surplus..... $548,683	*Missouri, Kansas & Texas:* St. Louis to Denison (St. Louis Division), 658 m.; Kansas City to Stevens, 173 m.; Hannibal to Franklin Junction, 105 m.; Junction City to Parsons, 157 m.; Paola to Kansas City Junction, 86 m.; McAlester to Krebs, 5 m.; Atoka to Coalgate, 14 m.; Labette to Mineral City (Mineral Ry.), 17 m. *Missouri, Kansas & Texas Ry. of Texas:* Denison to Houston (via Greenville, Dallas, and Hillsboro), 445 m.; Denison to Hillsboro (via Fort Worth), 151 m.; Denison to Sherman, 11 m.; Greenville to Mineola, 50 m.; Denton to Dallas, 37 m.; Whitesboro to Henrietta, 86 m.; Echo to Belton, 7 m.; Smithville to San Marcos, 55 m.; Trinity to Colmesneil, 66 m.; Warner to Ray, 6 m.; Henrietta to Wichita Falls (operated for Wichita Falls Ry.), 18 m.; Houston to Galveston (joint track), 50 m. Total mileage, 2,197. Express Co.—American.	General Officers of the System—President, Henry C. Rouse, New York; Vice-President and General Manager, A. A. Allen, St. Louis, Mo.; Traffic Manager, C. Haile, St. Louis, Mo.; Vice-President, Chas. G. Hedge, New York; Secretary, S. Halline, New York. Officers of Missouri, Kansas & Texas Ry. Co. of Texas—Vice-President and General Manager, A. A. Allen, St. Louis, Mo.; 2d Vice-President, J. N. Simpson, Dallas, Tex.; Secretary, Elton Hoyt, Dallas, Tex. General Offices—St. Louis, Mo.; Parsons, Kan.; Dallas, Tex.; New York Offices, 45 Wall Street and 309 Broadway, Manhattan Borough.
Missouri Pacific Railway. [Missouri, Kansas, Nebraska, Colorado, Indian Territory, Arkansas, Louisiana.] *For year ending June* 30, 1899. (Including Iron Mountain Line.) Total earnings.....$23,866,616 Operating expenses 18,010,683 Net earnings..... $5,855,933 Other income..... 1,066,020 Total net income $6,921,953 Total payments... 5,870,589 Surplus..... $1,051,364	Missouri Pacific Ry., 1,513 m.; Missouri Pacific Ry. Independent Br. Lines, 1,651 m.; St. Louis, Iron Mountain and Southern Ry., 1,773 m.; Central Br. Ry., 388 m. Total mileage, 5,325. Express Co.—Pacific.	President, George J. Gould, New York; Vice-President, C. G. Warner, St. Louis, Mo.; General Manager, W. B. Doddridge, St. Louis, Mo.; Secretary, A. H. Calef, New York. General Offices, St. Louis, Mo.; New York Offices, 195 and 391 Broadway, Manhattan Borough.
Nashville, Chattanooga and St. Louis Railway.—"Lookout Mountain Route." [Georgia, Alabama, Tennessee, Kentucky.] *For year ending June* 30, 1899. Total earnings.....$6,618,861 Operating expenses. 4,438,647 Net earnings..... $2,180,214 Other income..... 30,481 Total net income $2,210,695 Total payments..... 1,956,160 Surplus $254,535	Main Line, 457 m.; McMinnville Br., 69 m.; Sequatchie Valley R. R., 62 m.; Tracy City Br., 20 m.; Centreville Br., 63 m.; Shelbyville Br., 8 m.; Lebanon Br., 31 m.; Western and Atlantic R. R., 156 m.; Huntsville and Gadsden Line, 122 m.; Columbia Line, 66 m.; Memphis and Paducah Div., 254 m.; Jeff Line, 30 m. Total mileage, 1,338. Express Co.—Southern (probably).	President, J. W. Thomas; General Manager, J. W. Thomas, Jr.; Traffic Manager, H. F. Smith; Secretary, J. H. Ambrose. General Offices, Nashville, Tenn.; New York Offices, 120 Broadway, Manhattan Borough. General Offices of Western and Atlantic R. R., Atlanta, Ga.
New England Railroad.	Now part of New York, New Haven and Hartford R. R., which see.	
New York Central and Hudson River Railroad. [New York, New Jersey, Pennsylvania.] *For year ending June* 30, 1899. Total earnings.... $46,184,657 Operating expenses 29,128,981 Net earnings.....$17,055,676 Other income..... 4,324,672 Total net income.$21,380,348 Total payments..... 15,765,296 Surplus..... $5,615,052 The report covers the operations of the system east of Buffalo, with the exception of the leased lines: Syracuse, Geneva and Corning Ry., Fall Brook Ry., Pine Creek Ry., Beech Creek R. R., Dunkirk, Allegheny Valley and Pittsburgh R. R. Wallkill Valley R. R.	New York Central and Hudson River R. R., 819.45 m.; Troy and Greenbush R. R., 6 m.; Spuyten Duyvil and Port Morris R. R., 6.04 m.; West Shore R. R., 495.20 m.; New Jersey Junction R. R., 4.85 m.; New York and Harlem R. R., 135.90 m.; Rome, Watertown and Ogdensburg R. R., 624.35 m.; Dunkirk, Allegheny Valley and Pittsburgh R. R., 90.60 m.; Beech Creek R. R., 157.38 m.; Mohawk and Malone Ry., 181.50 m.; Carthage and Adirondack Ry., 46.10 m.; Gouverneur and Oswegatchie R. R., 13.05 m.; New York and Putnam R. R., 61.21 m.; Tivoli Hollow R. R., 1.23 m.; Fall Brook Ry., 100.70 m.; Pine Creek Ry., 74.80 m.; Syracuse, Geneva and Corning Ry., 64.82 m.; Wallkill Valley R. R., 32.88 m. Total mileage, 2,916.06. Express Co.—American. National Express on West Shore R. R.	Chairman of the Board, Chauncey M. Depew; President, S. R. Callaway; 1st Vice-President, Charles C. Clarke; 2d Vice-President, Horace J. Hayden; Secretary, E. D. Worcester; Treasurer, E. V. W. Rossiter; Comptroller, J. Carstensen; General Superintendent, Edgar Van Etten. Operating Offices, Grand Central Station, Fourth Avenue and Forty second Street, Manhattan Borough, New York. General Offices, Albany, N. Y.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
New York, Chicago and St. Louis Railroad.—"Nickel Plate Road." [New York, Pennsylvania, Ohio, Indiana, Illinois.] *For year ending Sept.* 30, 1898. Total earnings..... $6,274,734 Operating expenses 5,385,043 Net earnings..... $889,691 Other income..... 6,803 Total net income. $896,493 Fixed charges..... 777,000 Surplus..... $119,493	Buffalo, N. Y., to Chicago, Ill., 523 m. Express Co.—National.	Chairman of the Board, Chauncey M. Depew, New York; President, W. H. Canniff, Cleveland, O.; Secretary, Chas. F. Cox, New York. General Offices, Cleveland, O.; New York Offices, Grand Central Station, Manhattan Borough.
New York, New Haven and Hartford Railroad. [Massachusetts, Rhode Island, Connecticut, New York.] *For year ending June* 30, 1899. Total earnings.....$37,143,917 Operating expenses 25,581,256 Net earnings.....$11,562,661 Other income..... 623,423 Total net income.$12,186,084 Total payments.... 11,978,801 Surplus..... $207,283	New York Div., 92 m.; Hartford Div., 155 m.; Highland Div., 182 m.; Midland Div., 148 m.; Norwich Div., 89 m.; Central Div., 86 m.; New London Div., 50 m.; Valley Div., 46 m.; Northampton Div., 142 m.; Naugatuck Div., 61 m.; Berkshire Div., 148 m.; Danbury Div., 74 m.; Worcester Div., 89 m.; Stonington Div., 86 m.; other divisions (Eastern District), 645 m. Total mileage, 2,047. Marine District is composed of the Fall River Line, Providence Line, Norwich Line, and Stonington Line steamboats. Express Co.—Adams.	President, John M. Hall; Vice-President, Wm. D. Bishop, Sr.; General Manager, W. E. Chamberlain, Boston. General Offices, New Haven, Ct.; New York Offices, Grand Central Station; Marine District, Pier 19, N. R., Manhattan Borough.
New York, Ontario and Western Railway. [New York, Pennsylvania.] *For year ending June* 30, 1899. Total earnings..... $4,346,163 Operating expenses and taxes..... 2,835,861 Net earnings..... $1,510,302 Other income..... 167,918 Total net income. $1,678,220 Total payments.... 1,054,502 Surplus..... $623,718	Main Line, Cornwall, N. Y., to Oswego, N. Y., 271.75 m.; Delhi Br., 16.84 m.; Wharton Valley R.R., 6.80 m.; New Berlin Br., 22.38 m.; Utica Div., 31.30 m.; Rome Br., 12.78 m.; Scranton Div., 54.05 m.; Ellenville Br., 7.80 m.; Pecksport Ry., 3.69 m.; Weehawken, N. J., to Cornwall, N. Y. (trackage rights), 53.07 m. Total mileage, 480.46. Express Co.—Adams.	President, Thomas P. Fowler; Vice-President, J. B. Kerr; General Manager, J. E. Childs; Secretary, R. D. Rickard. General Offices, 56 Beaver Street, Manhattan Borough, New York.
New York, Susquehanna & Western Railroad. [New Jersey and New York.] *For year ending June* 30, 1899. Total earnings.... . $2,446,653 Operating expenses 1,363,621 Net earnings..... $1,083,032 Other income .. .. 28,903 Total net income. $1,111,935 Total payments.... 945,147 Surplus..... $166,788	Main Line, Jersey City, N. J., to Stroudsburg, Pa., 101 m.; Wilkes-Barre & Eastern R.R., 65 m.; Middletown Div., 34.2 m.; other branches, 38 m. Total mileage, 238.2. Express Co.—National.	President, E. B. Thomas; 1st Vice-President, G. M. Cumming; 2d Vice-President, W. F. Merrill; Secretary, J. A. Middleton. General Offices, 21 Cortlandt Street, Manhattan Borough, New York.
Norfolk and Western Railway. [Maryland, West Virginia, Virginia, North Carolina, Ohio.] *For year ending June* 30, 1899. Total earnings.....$11,827,139 Operating expenses 7,939,103 Net earnings..... $3,888,036 Other income..... 23,364 Total net income. $3,911,400 Total payments.... 2,241,714 Surplus..... $1,669,686	Main Line, 1,434.62 m.; branches, 116.13 m. Total mileage, 1,550.75. Express Co.—Southern.	President, Henry Fink, New York; General Manager, L. E. Johnson, Roanoke, Va.; Secretary, A. J. Hemphill, New York. General Offices, Roanoke, Va.; New York Offices, 40 Exchange Place and 487 Broadway, Manhattan Borough.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Northern Pacific Railway. [Wisconsin, Minnesota, North Dakota, Montana, Idaho, Washington, Oregon, Manitoba.] *For year ending June* 30, 1899. Total earnings.....$26,048,673 Operating expenses 12,349,452 Net earnings.....$13,699,221 Other income..... 1,001,607 Total net income.$14,700,828 Total payments.... 13,667,546 Surplus..... $1,033,282	St. Paul, Minn., to Portland, Ore., 2,056 m.; other divisions and branches, 2,579 m. Total mileage, 4,635. This company also operates the North. Pacific S. S. Line from Tacoma, Wash., to Victoria, China, and Japan, and from Seattle, Wash., to Victoria, V. I. Express Co.—Northern Pacific.	President, C. S. Mellen; Vice-President, D. S. Lamont, New York; 2d Vice-President, J. W. Kendrick; 3d Vice-President, J. M. Hannaford; Secretary, G. H. Earl, New York. General Offices, St. Paul, Minn.; New York Offices, 35 Wall Street and 319 Broadway, Manhattan Borough.
"Northwestern Line." [Illinois, Michigan, Wisconsin, Iowa, Nebraska, Minnesota, South Dakota, North Dakota, Wyoming.] *For year ending Dec.* 31. 1898. (Chicago, St. Paul, Minn. & Omaha Ry.*) Total earnings.....$9,590,993 Operating expenses.. 6,091,563 Net earnings.....$3,499,430 Interest, dividends, and rentals..... 3,362,808 Surplus..... $136,622 See "Chicago & N. W. Ry."	Comprising the Chicago and Northwestern Ry., 5,307.80 m. (see C. & N. W. Ry.); Chicago, St. Paul, Minneapolis and Omaha Ry., 1,559.25 m.; Fremont, Elkhorn and Missouri Valley R.R., 1,300.53 m.; Sioux City and Pacific R. R., 107.42 m. Total mileage, 8,275. Express Co.—American.	Officers of C., St. P., M. and O. Ry.: President, Marvin Hughitt, Chicago, Ill.; Vice-President, M. L. Sykes, New York; 2d Vice-President and General Traffic Manager, J. T. Clark, St. Paul, Minn.; General Manager, W. A. Scott, St. Paul, Minn.; Secretary, E. E. Woodman, Hudson, Wis.; General Manager F., E. and M. V. R. R., Geo. F. Bidwell, Omaha, Neb. General Offices of Northwestern Line, Chicago, Ill.; St. Paul, Minn.; New York Offices, 52 Wall Street and 461 Broadway, Manhattan Borough.
Oregon Railroad and Navigation Co. [Oregon, Washington, Idaho.] *For year ending June* 30, 1899. Total earnings.....$7,065,977 Operating expenses. 4,288,272 Net earnings .....$2,717,707 Other income..... 73,107 Total net income.$2,790,814 Total payments..... 1,577,987 **Surplus.....$1,212,827**	Portland, Ore., to Huntington, Ore., 404 m.; Spokane Div., 262 m.; Moscow Br., 28 m.; Pomeroy Br., 30 m.; Dayton Br., 13 m.; Connell Br., 53 m.; Heppner Br., 45 m.; Elgin Br., 21 m.; Walla Walla Br., 47 m.; Burke Br., 87 m.; Seltice Br., 48 m.; Dixie and Dudley Br., 14 m.; Wallula Br., 66 m.; Waverly Br., 5 m. Total mileage, 1,123 Steamer Lines: Portland, Ore., to San Francisco, Cal., 660 m.; River Division, 353 m. Portland to China and Japan. Express Co.—Portland, Ore., to Huntington—Pacific; Portland, Ore., to Spokane—Great Northern; Portland, Ore., to San Francisco—Wells, Fargo & Co.	Chairman of the Board, E. H. Harriman, New York; President, A. L. Mohler; Secretary, W. W. Cotton. General Offices, Portland, Ore.; New York Office, 120 Broadway, Manhattan Borough.
Oregon Short Line Railroad. [Utah, Wyoming, Idaho, Montana, Oregon.] *For year ending June* 30, 1899. Total earnings.....$7,577,108 Operating expenses. 4,751,620 Net earnings.....$2,825 487 Other income..... 437,649 Total net income. $3,263,136 Total payments..... 2,916,773 Surplus..... $346,363	Lines in Utah, 482.49 m.; in Wyoming, 92.34 m.; in Idaho, 707.51 m.; in Montana, 183.03 m.; in Oregon, 15.41 m. Total mileage, 1,480.78. Express Co.—Pacific.	President, Edward H. Harriman, New York; Vice-President and General Manager, W. H. Bancroft, Salt Lake City; Vice-President, Wm. D Cornish, New York; Secretary, Alex. Millar, New York. General Offices, Salt Lake City, Utah; New York Office, 120 Broadway, Manhattan Borough.
Pennsylvania Railroad. [New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, Ohio, Indiana, Illinois.] *For year ending June* 30, 1899. Lines East of Pittsburgh and Erie (see next page). Total earnings.....$67 119,533 Operating expenses 46,025,925 Net earnings.....$21,093,608 Other income. . ... 5,343,025 Total net income. $26,436,633 Total payments.... 26,090,623 Surplus..... $346,010	Pennsylvania R.R., 1,713 m., United R. Rs. of New Jersey, 477 m.; Philadelphia and Erie R. R., 568 m.; Northern Central Ry., 390 m.; Philadelphia, Wilmington and Baltimore R R., 669 m.; West Jersey and Sea Shore R. R., 309 m.; Cumberland Valley R. R., 163 m.; Allegheny Valley R. R., 273 m.; Baltimore, Chesapeake and Atlantic Ry., 87 m.; Pennsylvania lines west of Pittsburgh, 4,421 m. Total mileage, 9,070. Express Co.—Adams.	President, A. J. Cassatt; 1st Vice-President, John P. Green; 2d Vice-President, Chas. E. Pugh; 3d Vice-President, S. M. Prevost; General Manager, J. B. Hutchinson; Secretary, John C. Sims. General Offices, Broad Street Station, Philadelphia; New York Offices, 1196 Broadway and 1 Astor House, Manhattan Borough.

* Fremont, Elkhorn & M. V. R. R. for year ending May 31, 1899, as follows: Total earnings, $3,885,489; total charges, $3,631,681; surplus, $253,808.

PENNSYLVANIA RAILROAD LINES WEST OF PITTSBURGH.

On the lines west of Pittsburgh operated by the Pennsylvania Company and the Pittsburgh, Cincinnati, Chicago, and St. Louis Railway Company the results for 1898 were as follows:

Earnings of Pennsylvania Co.	$21,089,608
Expenses	13,545,342
Net earnings	$7,544,266
Rental, interest, etc.	6,878,605
Net profit on Penna. Co.'s lines	$665,661
Earnings of Pittsburgh, Cincinnati, Chicago, and St. Louis Railway	$18,942,651
Expenses	13,604,761
Net earnings	$5,337,890
Rental, interest, etc.	4,117,842
Net profit on Pittsburgh, Cincinnati, Chicago, and St. Louis Railway Company's lines	$1,220,048
Net profit on lines directly operated west of Pittsburgh	$1,885,708
Less loss on other lines west of Pittsburgh for which the P. R. R. is responsible	4,963
Leaving net profit on all lines west of Pittsburgh	$1,880,745

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Philadelphia and Reading Railway. [New Jersey, Pennsylvania.] *For year ending June* 30, 189[illegible] Total earnings.....$22,456,19[illegible] Operating expenses. 14,634,038 Net earnings..... $7,822,154 Other income..... 1,300,268 Total net income. $9,122 422 Total payments.... 8,897,679 Surplus..... 224,743	Reading Div., 508.25 m.; Philadelphia Div., 48.21 m.; New York Div., 222.42 m.; Atlantic City R. R., 167.13 m.; Shamokin Div., 241.14 m.; Reading and Columbia Div., 181.08 m.; Wilmington and Northern R. R., 88.41 m. Total mileage, 1,456.64. Express Co.—United States	President, Joseph S. Harris; First Vice-President, Theodore Voorhees; 2d Vice-President, C. E. Henderson; Secretary, W. R. Taylor. General Offices, Philadelphia, Pa.
Plant System. [South Carolina, Georgia, Alabama, Florida.] *For year ending June* 30, 1898. (Sav., Fla. & Western Ry.) Total earnings..... $3,645,424 Operating expenses 2,715,323 Net earnings..... $930,101 Other income..... 144,095 Total net income. $1,074,196 Total payments..... 877,543 Surplus..... $196,653	Savannah, Florida and Western Ry., 1,028 m.; Charleston and Savannah Ry., 113 m.; Brunswick and Western R. R., 171 m.; Alabama Midland Ry., 208 m.; Silver Springs, Ocala and Gulf Ry., 65 m.; Sanford and St. Petersburg R. R., 152 m.; Florida Southern R. R., 249 m.; St. John and Lake Eustis R. R., 49 m.; Southwestern Alabama R. R., 37 m.; other branches, 105 m. Total mileage, 2,177. Also steamer lines. Express Co.—Southern.	President, R. G. Erwin; Vice-President, M. F. Plant; 2d Vice-President, F. Q. Brown; Secretary, R. B. Smith. General Offices, 12 West Twenty-third Street, Manhattan Borough, New York, and Savannah, Ga.
Queen and Crescent Route. [Ohio, Kentucky, Tennessee, Alabama, Mississippi, Louisiana.] *For year ending June* 30, 1899. Total earnings..... $4,691,231 Operating expenses 3,106,226 Net earnings..... $1,585,005 Other income..... 219 Total net income. $1,585,224 Total payments..... 1,411,663 Surplus..... $173,561	Comprising the following lines: Cincinnati, New Orleans and Texas Pacific Ry., 338 m.; New Orleans and Northeastern R. R., 196 m.; Alabama and Vicksburg Ry., 142 m.; Vicksburg, Shreveport and Pacific R. R., 171 m.; Alabama Great Southern R. R., 296 m. Total mileage, 1,143. Express Co.—Southern. For places in Ohio and Kentucky on C., N. O. & T. P. Ry., Adams.	C., N. O. & T. P. Ry.—Chairman of Board, H. F. Shoemaker, New York; President, Samuel Spencer, New York; Secretary, A. Telford, Cincinnati, Ohio. Ala. G. S. R. R.—President, Samuel Spencer, 80 Broadway, Manhattan Borough, New York; 1st Vice-President, A. B. Andrews, Raleigh, N. C.; 2d Vice-President, W. W. Finley, Washington, D. C.; General Manager, F. S. Gannon, Washington, D. C. N. O. & N. E., A. & V., and V., S. & P. R. Rs.—President, C. C. Harvey, New Orleans, La.; Secretary N. O. & N. E. R. R., John F. Brent, New Orleans, La.; Secretary V., S. & P. R. R., D. Graff, Manhattan Borough, New York.
Rio Grande Western Railway. [Colorado and Utah.] *For year ending June* 30, 1899. Total earnings..... $3,352,988 Operating expenses 2,195,865 Net earnings..... $1,157,123 Other income..... 144,280 Total net income. $1,301,403 Total payments.... 1,149,368 Surplus..... $152,035	Grand Junction, Col., to Ogden, Utah, 328 m.; San Pete and Sevier Br., 124 m.; Tintic Range Br., 48 m.; Utah Central Br., 33 m.; Coal Mine Br., 24 m.; Bingham Br., 14 m.; Alta Br., 10 m.; Provo Cañon Br., 26 m.; Sunnyside Br., 11 m.; other branches, 19 m. Total mileage, 637. Express Co.—Wells, Fargo & Co.	President, W. J. Palmer, New York; Vice-President, George F. Peabody, New York; 2d Vice-President and General Manager, D. C. Dodge, Denver, Col.; Secretary, G. A. Krause, New York. General Offices, Salt Lake City, Utah; New York Office, 11 Broadway, Manhattan Borough.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
San Antonio and Aransas Pass Railway. [Texas.] *For year ending June* 30, 1899. Total earnings..... $2,046,781 Operating expenses 1,592,668 Net earnings..... $454,113 Total payments.... 913,107 Deficit..... $458,994	Houston, Tex., to Kerrville, Tex., 309 m.; Kenedy, Tex., to Corpus Christi, Tex., 88 m.; Rockport Br., 21 m.; Lockhart Br., 54 m.; Alice Br., 43 m.; Waco Br., 171 m. Total mileage, 686. Express Co.—Wells, Fargo & Co.	President, T. E. Stillman, New York; Vice-President and General Manager, M. D. Monserrate; Secretary, Reagan Houston. General Offices, San Antonio, Tex.; New York Offices, 23 Broad Street and 349 Broadway, Manhattan Borough.
Seaboard Air Line. [Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama.] *For year ending June* 30, 1898. Total earnings..... $4,011,554 Operating expenses. 2,607,904 Net earnings..... $1,403,650 Total payments..... 1,157,579 Surplus..... $246,071 Not including Fla. Central & Pen. R. R. or Ga. & Ala. Ry.	First Div., 265 m.; Second Div., 410 m.; Third Div., 288 m.; Georgia and Alabama Ry., 459 m.; Florida Central and Peninsular R. R., 949 m. Total mileage, 2,371. Express Co.—Southern.	President, John S. Williams, Richmond, Va.; Vice-President and General Manager, E. St. John, Portsmouth, Va. General Offices, Portsmouth, Va.; New York Office, 371 Broadway, Manhattan Borough.
Southern Railway. [District of Columbia, Virginia, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Tennessee, Kentucky.] *For year ending June* 30, 1899. Total earnings..... $25,353,686 Operating expenses 17,356,355 Net earnings .... $7,997,331 Other income..... 328,469 Total net income. $8,325,800 Total payments.... 7,414,188 Surplus..... $911,612	Washington Div., 338.54 m.; Norfolk Div., 795.34 m.; Charlotte Div., 379.67 m.; Atlanta Div., 540.73 m.; Birmingham Div., 548.04 m.; Richmond Div. 284.82 m.; Asheville Div., 350.80 m.; Columbia Div., 519.89 m.; Macon Div., 387.18 m.; Anniston Div., 562.13 m.; Knoxville Div., 466.54 m.; Memphis Div., 331.70 m.; Louisville Div., 130.10 m.; Charleston Div., 339.01 m.; Danville Div., 277.80 m. Total mileage, 6,252.29. Express Co.—Southern.	President, Samuel Spencer, New York; 1st Vice-President, A. B. Andrews, Raleigh, N. C.; 2d Vice-President, W. W. Finley, Washington, D. C.; 3d Vice-President and General Manager, Frank S. Gannon, Washington, D. C.; Secretary, Josiah F. Hill, New York; Traffic Manager, J. M. Culp. General Offices, Washington, D. C.; New York Offices, 80 and 271 Broadway, Manhattan Borough.
Southern Pacific Company.—"Sunset, Ogden and Shasta Routes." [Louisiana, Texas, New Mexico, Arizona, California, Nevada, Oregon, Utah.] *For year ending June* 30, 1899.* Total earnings..... $62,242,801 Operating expenses. 57,281,294 Net earnings..... $4,961,507 Total payments.... 2,914,262 Surplus..... $2,047,245 *Including the Houston & Texas Central R. R. operations shown on page 212.	*Pacific System:* Central Pacific R. R., 1,359.1 m.; Oregon and California R. R., 655.76 m.; Southern Pacific R. R. of California, 2,329.48 m.; Southern Pacific R. R. of Arizona, 392.90 m.; Southern Pacific R. R. of New Mexico, 167.45 m.; New Mexico and Arizona R. R., 88.10 m.; Sonora Ry. of Mexico, 262.60 m.; South Pacific Coast Ry., 104 m. *Atlantic System:* Louisiana Western R. R., 147.23 m.; Morgan's Louisiana and Texas R. R., 318.20 m.; Galveston, Harrisburg and San Antonio Ry., 998.16 m.; Texas and New Orleans R. R., 216.20 m.; Iberia and Vermillion R. R., 16.13 m.; New York, Texas and Mexican R. R., 91 m.; Gulf, Western Texas and Pacific Ry., 111.20 m. Total rail mileage, 7,174.72. Steamer lines, 3,375 m. Express Co.—Wells, Fargo & Co.	President, C. P. Huntington, New York; Vice-President, T. H. Hubbard, New York; 2d Vice-President, George Crocker, San Francisco, Cal.; 3d Vice-President, J. C. Stubbs, San Francisco, Cal.; 4th Vice-President, J. Kruttschnitt, San Francisco, Cal.; Secretary, E. C. Wright, San Francisco, Cal.; Acting Vice-President, I. E. Gates, New York; General Manager, J. Kruttschnitt, San Francisco, Cal. General Offices, San Francisco, Cal.; New York Offices, 23 Broad Street and 349 Broadway, Manhattan Borough.
St. Joseph and Grand Island Railway, and Kansas City and Omaha Railway. [Missouri, Kansas, and Nebraska.] *For year ending June* 30, 1899. Total earnings..... $1,261,060 Operating expenses. 912,650 Net earnings..... $348,410 Other income..... 102,180 Total net income.. $450,590 Total payments..... 441,362 Surplus $9,228	St. Joseph and Grand Island Ry., 252 m.; Kansas City and Omaha Ry., 152 m.; Fairbury and McCool Junction Line, 50 m.; St. Joseph to Kansas City, 60 m. Total mileage, St. Joseph and Grand I. Ry., 312; Kansas City and O. Ry., 202. Express Co.—Wells, Fargo & Co.	President, Wm. L. Bull, New York; Vice-President, Henry Budge, New York; Secretary, W. S. Wilson, New York; General Manager, W. P. Robinson, Jr., St. Joseph, Mo. General Offices, St. Joseph, Mo.; New York Offices, 28 and 38 Broad Street, Manhattan Borough. Kansas City and Omaha Ry.—President, E. C. Benedict, New York; Vice-President, F. K. Pendleton, New York; Secretary, S. L. Parrish, New York; General Manager, W. P. Robinson, Jr., St. Joseph, Mo. General Offices, St. Joseph, Mo.; 44 Broadway, 27 William St., Manhattan, New York.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
St. Louis & San Francisco Railroad.—"Frisco Line." [Missouri, Arkansas, Kansas, Indian Territory, Oklahoma Territory, Texas.] *For year ending June* 30, 1899. Total earnings..... $7,226,663 Operating expenses. 4,341 191 Net earnings..... $2,885,472 Other income..... 77,160 Total net income. $2,962,632 Total payments.... 2,737,832 Surplus..... $224,800	St. Louis Div., 583.8 m.; Kansas Div., 325.7 m.; Atlantic and Pacific Br., 212 m.; other branches, 538.8 m. Total mileage, 1,660.3. Express Co.—Wells, Fargo & Co.	President, D. B. Robinson; Vice-President and General Manager, B. F. Yoakum; Secretary, F. H. Hamilton; Assistant Secretary, Frederick Strauss, New York. General Offices, St. Louis, Mo.; New York Offices, 15 Broad Street and 385 Broadway, Manhattan Borough.
St. Louis Southwestern Railway System.—"Cotton Belt Route." [Missouri, Arkansas, Louisiana, Texas.] *For year ending June* 30, 1899 Total earnings..... $5,862 538 Operating expenses. 4,209,088 Net earnings..... $1,653,250 Other income..... 84,457 Total net income.. $1,737,707 Total payments..... 1,158,030 Surplus $579,677	*St. Louis Southwestern Ry.:* Main Line, 418 m.; Delta Br., 51.-m.; New Madrid Br., 5.7 m.; Little Rock Br., 41.7 m.; Shreveport Br., 59. m.; Gray's Point Terminal Ry., 16.4 m. Total mileage, 592.7. *St. Louis Southwestern Ry. of Texas:* Main Line, 304.6 m.; Sherman Br., 109.9 m.; Fort Worth Br., 97.2 m.; Hillsboro Br., 40 m.; Tyler Southeastern Ry., 88.6 m.; Dallas Br., 25.2 m. Total mileage, 665.5. Grand total mileage, 1,258.2. Express Co.—Pacific.	President, Edwin Gould, New York, Vice-President and General Manager, Russell Harding, St. Louis, Mo.; General Traffic Manager, A. S. Dodge; Secretary, G. Erbelding, New York. General Offices, St. Louis, Mo., and 195 Broadway, Manhattan Borough, New York. General Offices St. L. S. W. Ry. of Texas and Tyler Southeastern Ry., Tyler, Tex.
Terre Haute & Indianapolis Railroad.—"Vandalia Line." [Indiana, Illinois, Missouri.] *For year ending Sept.* 30, 1899. Total earnings..... $1,490,400 Operating expenses. 970,734 Net earnings..... $519,666 Other income..... 17,350 Total net income. $537,016 Total payments..... 199,228 Surplus..... $337,788	Indianapolis, Ind., to St. Louis, Mo., 240 m., Terre Haute & Logansport Ry., 182 m.; Peoria Div., 174 m.; Centre Point Div., 8 m. Total mileage, 606. Express Co.—Adams.	Receiver, V. T. Malott, Indianapolis, Ind.; President, James McCrea, Pittsburgh, Pa.; General Manager, J. J. Turner, St. Louis, Mo.; Secretary, George E. Farrington, Terre Haute, Ind.
Texas and Pacific Railway. [Louisiana and Texas.] *For year ending June* 30, 1899. Total earnings..... $8 251,810 Operating expenses. 5,309,022 Net earnings..... $2,942,788 Other income. ..... 96,231 Total net income. $3,039 019 Total payments..... 1,504,990 Surplus..... $1,534,029	Eastern Div., 512 m.; New Orleans Div., 359 m.; Rio Grande Div., 621 m.; New Roads Extension, 25 m. Total mileage, 1,517. Express Co.—Pacific.	President, George J. Gould; Vice-President, S. H. H. Clark; 2d Vice-President, Frank J. Gould, New York; 3d Vice-President and General Manager, L. S. Thorne, Dallas, Tex.; Secretary, C. E. Satterlee, New York. General Offices, 195 Broadway, Manhattan Borough, New York, and Dallas, Tex.
Toledo and Ohio Central Railway, and Kanawha and Michigan Ry. "Ohio Central Lines." [Ohio and West Virginia.] *For year ending June* 30, 1899. (Toledo and Ohio Cent. Ry.*) Total earnings..... $1,897,867 Operating expenses. 1,296,453 Net earnings..... $601,414 Other income..... 24,854 Total net income.. $626,268 Total payments..... 497,957 Surplus..... $128,311	Toledo to Bremen, O., 173.10 m.; New Lexington to Corning, O., 12.31 m.; Whitmore to Thurston, O., 145.27 m.; Alum Creek to Truro Junction, O., 4.20 m. Total mileage, 334.88; Kanawha & Michigan Ry., 152.80. Express Co.—United States.	President, Stevenson Burke, Cleveland, O.; Vice-President, Chas. G. Hickox, Cleveland, O.; Vice-President K. & M. Ry., R. W. Hickox, Cleveland, O.; General Manager, J. M. Ferris; Secretary, L. D. Kelley. General Offices, Toledo, O.

* Kanawha and Michigan Ry.—Total earnings, $634,064; net earnings, $167,876; total net income, $167,371; total payments, $132,709 surplus, $34,661.

Systems, Location, and Financial Data.	Divisions, Mileage, and Operating Express.	General Officers.
Toledo, St. Louis and Kansas City Railroad.—"Clover Leaf Route." [Ohio, Indiana, Illinois, Missouri.] *For year ending June* 30, 1899. Total earnings.....$2,062,738 Operating expenses. 1,527 192 Net earnings..... $535,546 Total payments..... 644,400 Deficit.....$108,854	Toledo, O., to St. Louis, Mo., 453 m. Express Co.—National.	Receiver, Samuel Hunt. General Offices, Toledo, O.
Union Pacific Railroad.—"Overland Route." [Kansas, Nebraska, Iowa, Colorado, Wyoming, Utah, Missouri.] *For year ending June* 30, 1899. Total earnings.....$19,811,641 Operating expenses 11,412,168 Net earnings..... $8,399,473 Other income..... 2,013,895 Total net income.$10,413,368 Interest and div'ds 6,455,000 Surplus..... $3,958,368	Nebraska Div., 973.40 m.; Kansas Div., 992.60 m.; Colorado Div., 459.85 m.; Wyoming Div., 559.39 m. Total mileage, 2,985.24. Express Co.—Pacific.	President, Horace G. Burt, Omaha, Neb.; Vice-President, Wm. D. Cornish, New York; General Manager, E. Dickinson, Omaha, Neb.; Secretary, Alexander Millar, New York. General Offices, Omaha, Neb.; New York Offices, 120 and 287 Broadway, Manhattan Borough.
Union Pacific, Denver and Gulf Railway.	See "Colorado and Southern Railway."	
Wabash Railroad. [Ontario, Canada, Ohio, Indiana, Michigan, Illinois, Missouri, Iowa.] *For year ending June* 30, 1899. Total earnings.....$14,393,974 Operating expenses 11,739,574 Net earnings..... $2,654,400 Other income..... 185,032 Total net income $2,839,432 Interest and rentals 2,691,495 Surplus..... $147,937	Buffalo Div., 271.8 m.; Eastern Div., 630.9 m.; Middle Div., 736.1 m.; Western Div., 687.2 m. Total mileage, 2,326. Express Co.—Pacific.	President, O. D. Ashley, New York; Vice-President, Edgar T. Welles, New York; Vice-President and General Manager, Joseph Ramsey, St. Louis, Mo.; Secretary, J. C. Otteson, New York. General Offices, St. Louis, Mo.; New York Offices, 195 and 387 Broadway, Manhattan Borough.
Western New York and Pennsylvania Ry. [New York, Pennsylvania.] *For year ending June* 30, 1899. Total earnings.....$3,291,411 Operating expenses. 2,272,945 Net earnings.....$1,018,466 Other income..... 27,768 Total net income. $1,046,234 Total payments.... 1,034,992 Surplus..... $11,242	Buffalo Div., 153.54 m.; Pittsburgh Div., 331.88 m.; Rochester Div., 113 m. Total mileage, 598.42. Express Co.—American.	President, S. G. De Coursey, Philadelphia, Pa.; Secretary, Jos. R. Trimble, Philadelphia, Pa. General Offices, Philadelphia, Pa., and Buffalo, N. Y.
West Shore Railroad.	See "New York Central and Hudson River R. R."	
Wisconsin Central Ry. [Illinois, Wisconsin, Michigan, Minnesota.] *For year ending June* 30, 1899. Total earnings.....$5,118,018 Operating expenses. 3,057,489 Net earnings.....$2,060,529 Other income..... 428,038 Total net income. $2,488,567 Total payments..... 1,840,230 Surplus..... $648,337	Main Line, Chicago, Ill., to Minneapolis, Minn., 473 m.; Ashland Div., 194 m.; Portage Br., 78 m.; Marshfield Br., 23 m.; Eau Claire Br., 11 m.; Milwaukee Br., 28 m.; Manitowoc Div., 44 m. Total mileage, 851. Express Co.—National.	Chairman of the Board, Geo. Coppell, New York; President, H. F. Whitcomb, Milwaukee, Wis. General Offices, Milwaukee, Wis.; General Eastern Agent's Office, 261 Broadway, Manhattan Borough, New York.

Greatest Passenger Stations in the United States.

Train Sheds.	Width, feet.	Length, feet.	Number of Tracks.
St. Louis Union Station	600	630	30
Philadelphia Station, Pennsylvania Road	300	592	16
Philadelphia Station, Philadelphia & Reading Road	260	800	14
North Union Station, Boston	460	500	23
Grand Central Station, Chicago	150	600	6
Central Station (Park Row), Chicago	140	650	8
Grand Central Station, New York	332	620	21
South Terminal Station, Boston	650	710	30

Railway Employes in the United States.

COMPARATIVE SUMMARY OF EMPLOYES AND AVERAGE DAILY COMPENSATION.
(From Statistical Report of the Interstate Commerce Commission.)

Class.	1898.		1897.		1896.		1895.		Average Daily Compensation.		
	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.	1898.	1897.	1896.
General officers	4,956	3	4,890	3	5,372	3	5,407	3	$9.73	$9.54	$9.19
Other officers	3,925	2	3,830	2	2,718	1	2,534	1	5.21	5.12	5.96
General office clerks	26,845	15	26,837	15	26,328	14	26,593	15	2.25	2.18	2.21
Station agents	30,699	17	30,049	16	29,723	16	29,014	16	1.73	1.73	1.73
Other stationmen	78,603	43	74,569	41	75,919	42	73,569	41	1.61	1.62	1.62
Enginemen	37,939	20	35 667	19	35,851	20	34,718	20	3.72	3.65	3.65
Firemen	38,925	21	36,735	20	36,762	20	35,516	20	2.09	2.05	2.06
Conductors	26,876	15	25,322	14	25,457	14	24,776	14	3.13	3.07	3.05
Other trainmen	66,968	36	63,673	35	64,806	36	62,721	35	1.95	1.90	1.90
Machinists	28,832	16	28,229	15	29,272	16	27,740	16	2.28	2.23	2.26
Carpenters	40,374	22	37,740	20	38,846	21	35,564	20	2.02	2.01	2.03
Other shopmen	99,717	54	91,415	50	95,613	53	88,661	50	1.70	1.71	1.69
Section foremen	30,771	17	30,414	17	30,372	17	29,809	17	1.69	1.70	1.70
Other trackmen	184,494	100	171,752	94	169,664	93	155,146	87	1.16	1.16	1.17
Switchmen, flagmen, and watchmen	47,124	25	43,763	24	44,266	24	43,158	24	1.74	1.72	1.74
Telegraph operators and despatchers	22,488	12	21,452	12	21,682	12	20,924	12	1.92	1.90	1.93
Employés—acc't floating equipment	6,349	3	6,409	3	5,502	3	5,779	3	1.89	1.86	1.94
All other employés and laborers	98,673	53	90,725	49	88,467	49	83,355	47	1.67	1.64	1.65
Total	874,558	474	823,476	449	826,620	454	785,084	441			

Railroad Accidents in the United States.

(From Statistical Report of the Interstate Commerce Commission.)

Year Ending June 30.	Employes.		Passengers.		Other Persons.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1891	2,660	26,140	293	2,972	4,076	4,769	7,029	33,881
1892	2,554	28,267	376	3,227	4,217	5,158	7,147	36,652
1893	2,727	31,739	299	3,329	4,320	5,435	7,346	40,393
1894	1,825	23,422	324	3,034	4,300	5,433	6,447	31,889
1895	1,811	25,696	170	2,375	4,155	5,677	6,136	33,748
1896	1,861	29,969	131	2,873	4,466	5,845	6,448	38,687
1897	1,693	27,657	222	2,795	4,522	6,269	6,437	36,731
1898	1,958	31,761	221	2,945	4,680	6,176	6,859	40,882

The total number of passengers carried in 1898 was 501,066,681, as against 489,445,198 in 1897, 511,772,737 in 1896, 507,421,362 in 1895, and 540,688,199 in 1894.

Kind of Accident.	Employes.		Passengers.		Others.					
					Trespassing.		Not Trespassing.		Total.	
Year ending June 30, 1898.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Coupling and uncoupling	279	6,988	....	....	....	....	....	....	....	....
Falling from trains and engines	473	3,859	....	....	....	....	....	....	....	....
Overhead obstructions	51	397	....	....	....	....	....	....	....	....
Collisions	180	1,071	38	619	24	48	5	41	29	89
Derailments	133	732	34	515	32	74	2	32	34	106
Other train accidents	53	490	2	150	30	23	1	7	31	30
At highway crossings	21	48	4	16	151	202	502	905	653	1,107
At stations	54	1,957	33	530	301	487	40	145	341	632
Other causes	714	16,219	110	1,115	3,525	3,915	67	297	3,592	4,212
Total	1,958	31,761	221	2,945	4,063	4,749	617	1,427	4,680	6,176

Train accidents for twenty-six years ending December 31, as computed by the *Railroad Gazette:*

Kind of Accident.	1898.	1897.	1896.	1895.	1894.	1893.	1892.	1891.	1890.	1889.	1888.	1883-87.*	1878-82.*	1873-7.*
Collisions	1,012	731	514	602	613	996	1,062	1,137	1,041	749	804	548	417	295
Derailments	1,144	873	792	810	873	1,212	1,165	1,204	1,004	759	1,032	723	646	709
Other accidents	72	54	51	75	74	99	100	103	101	61	99	76	46	61
Total	2,228	1,658	1,357	1,487	1,560	2,307	2,327	2,444	2,146	1,569	1,935	1,347	1,109	1,065

* Average per year for five years.

English Railroad Accidents.

THE Board of Trade report shows:

Casualties, United Kingdom.	1898.		1897.	
	Killed.	Injured	Killed.	Injured
Passengers	25	632	18	324
Employés	16	110	9	140
Other persons	2	3	7	12
Total	43	745	34	476

Casualties, United Kingdom.	1898.		1897.	
	Killed.	Injured	Killed.	Injured
Passengers, train accid'ts, etc.	25	632	18	324
Passengers, other causes	128	1,238	115	1,315
Employés, train accidents, etc.	16	110	9	140
Employés, other causes	483	4,039	501	3,989
Other persons	522	324	522	334
Total	1,179	6,343	1,165	6,102

The last item, 522 killed, includes 402 trespassers.

NOTABLE FAST RUNS OF PASSENGER TRAINS FOR LONG DISTANCES.

Date.	Railroad.	Terminals.	Distance, Miles.	Inclusive. Time, H. M.	Inclusive. Miles per Hour.	Stops. Number.
May, 1848.	Great Western (England)	London—Didcot	53.25	0.47	68	..
July, 1885.	West Shore	East Buffalo—Frankfort	201.7	4.00	50.4	..
Aug., 1888.	London, N.W. & Caledonian	London—Edinburgh	400	7.38	52.4	3
Sept., 1891.	New York Central & H. R.	New York—East Buffalo	436.32	7.19.5	59.56	3
Nov., 1891.	Pennsylvania	Jersey City—Washington	227	4.11	54.26	2
Mar., 1892.	New York Central & H. R.*	Oneida—De Witt	21.37	0.17¾	72.69	0
Nov., 1892.	New York Central & H. R.*	Syracuse—Utica	51.67	0.46	67.38	0
Nov., 1892.	New York Central & H. R.*	Chittenango—Schenectady	116.16	1.50	63.38	0
May, 1893.	New York Central & H. R.*	Syracuse—Rochester	80.38	1.11	68.45	0
May, 1893.	New York Central & L. S.	New York—Chicago	964	19.57	48.20	10
Aug., 1894.	Plant System, Atlantic Coast Line	Jacksonville—Richmond	661.5	12.51	51.48	26
Aug., 1894.	Plant System, A. C. L., Pa. R.R.	Jacksonville—Washington	760.9	15.49	49.37	34
April, 1895.	Pennsylvania	Camden—Atlantic City	58.3	0.45¾	76.50	0
Aug., 1895.	London & Northwestern	London—Aberdeen	540	8.32	63.28‡	3
Sept., 1895.	New York Central & H. R.	New York—Buffalo	436.50	6.47	64.33‡	2
Sept., 1895.	N. Y. Central "World Flyer"	Albany—Syracuse	148	2.10	68.3	0
Oct., 1895.	Lake Shore & Mich. Southern	Chicago—Buffalo	510	8 1	65.7¶	5
Oct., 1895.	Pennsylvania	Jersey City—Philadelphia	89.76	1.33	57.9	0
Oct., 1895.	Long Island	Long Island City—Amagansett	104	1 46	58.9	2
Mar., 1896.	Phila., Wilmington & Baltimore	Baltimore—Gray's Ferry	92.5	1.28	63	1
Feb., 1897.	Chicago, Burlington & Quincy	Chicago—Denver	1,025	18.52	58.74	20
Mar., 1897.	Central R. R. of New Jersey	Jersey City—Washington	237	4.8	60	(a)
April, 1897.	Lehigh Val., Black Diamond Exp.	Alpine, N. Y.—Geneva Junc., N. Y.	43.96	0.33	80	0
July, 1897.	New York Central & H. R.*	Syracuse—Buffalo	149	2.23	62.5	1
Aug., 1897.	Union Pacific	North Platte—Omaha	291	4.39	63.49	..
Dec., 1897.	Union Pacific	North Platte—Council Bluffs	293.7	4.57	59.33	(b)
Jan., 1898.	Erie R. R., newspaper train	Jersey City—Buffalo	423	7.30	59.6§	..
Feb., 1898.	A., T. & S. F., "Santa Fe Route"	La Junta, Col.—Dodge City, Kan.	204.4	3.44	56.7§	..
May, 1898.	Chicago & Alton	Willow Spring—Springfield	168.1	2.46	60.7	..
July, 1898.	Lehigh Val., Black Diamond Exp.	Sayre—Buffalo	177	2.59	59.32	2
Jan., 1899.	Burlington Route	Burlington—Chicago	206	3.20	61.8§	..
Oct., 1899.	Burlington Route	Mendota—Clyde	74.3	0.65	68.58	..

*By "Empire State Express." ‡ Including stops. § Excluding stops. ¶ Exclusive of stops, or 63.61 miles per hour including stops. Made the trip from Chicago to New York, 952 miles, in 17 hours 45 minutes 23 seconds (or 54.20 miles per hour including ten stops). (a) Including "slow-ups" for taking water, changing engines, etc. (b) Deducting stops, 64.08 miles per hour.

FASTEST RECORDED RUNS FOR SHORT DISTANCES.

Date.	Railroad.	Terminals.	Distance, Miles.	Time, M. S.	Miles per Hour.
July, 1890.	Phil. & Reading	Skillmans—Belle Meade	4.1	2.30	98.4
Aug., 1891.	Phil. & Reading	Somerton—	1	0.39.8	90.5
Nov., 1892.	Phil. & Reading	Somerton—Parkland	5	3.25	87.8
Nov., 1892.	Central of New Jersey	Fanwood—Westfield, N. J.	1	0.37	97.3
May, 1893.	N. Y. Central & H. R.	Grimesville—	1	0.35	102.8
May, 1893.	N. Y. Central & H. R.	Crittenden—"Empire State Exp."	1	0.32	112.5
May, 1893.	N. Y. Central & H. R.	Looneyville—Grimesville	5	3 00	100
Aug., 1895.	Pennsylvania	Landover—Anacosta	5.1	3.00	102
Aug., 1898.	Wabash	Boody—Blue Mound	6	4.7	87.46
Jan., 1899.	Burlington Route	Siding—Arion	2.4	1.20	130(c)

(c) Four stop watches caught the time, but there was no speed indicator on the engine. The fastest time on record was made on the Burlington Route, January, 1899, in a run from Siding to Arion, 2.4 miles in 1 minute 20 seconds, or 130 miles an hour. The fastest time on record for a distance of over 440 miles was made by the Lake Shore and Michigan Southern R.R. from Chicago to Buffalo, in October, 1895. The fastest long-distance run less than 440 miles was on the New York Central R.R. Sept. 11, 1895, from New York to Buffalo, 436 1-2 miles, in 407 minutes actual time. Average speed 64 1-3 miles an hour, with two stops and 28 slow-ups.

The fastest regular trains in the United States, for a shorter distance, are believed to be the New York Central "Empire State Express," between New York and Albany, 143 miles in 160 minutes (regular also New York to Buffalo, 440 miles in 489 minutes; excluding stops, an average of 53.4 miles an hour), and those between Washington and Baltimore, on the Baltimore and Ohio Railroad, 40 miles in 45 minutes, a speed of 53.33 miles an hour. The run from Washington to New York, 225.3 miles, is made in 5 hours. Deducting 12 minutes for the Jersey City Ferry and 10 minutes for the Canton Ferry, the rate of speed is 48.6 miles per hour. The "Congressional Limited," on the Pennsylvania Railroad, makes the run in 5 hours 5 minutes, but the distance is 227 miles.

The London and Southwestern makes the run from Dorchester to Wareham, 15 miles 2 chains, in 15 minutes, equal to 60.1 miles per hour. The Caledonian Railway of Scotland makes a short run of 32½ miles at 59.1 miles an hour.

The London and Northwestern runs a train from London to Crewe, 158 miles, without a stop, at 52.6 miles an hour. The Great Western runs three trains from Paddington Station, London, to Exeter and back, which make 194 miles each without a stop. The fastest of these is timed at 56 miles an hour. The same road runs two expresses from London to Birmingham, 129½ miles, without a stop. One of these makes the journey at an average of 53.5 miles an hour. The Great Western also runs an express to South Wales, which makes the run from Paddington to Bath, 106 miles 70 chains, at 54.3 miles an hour, without a stop.

Of long-distance runs in France one is made by the Paris-Orleans line from Paris to Bordeaux, which runs 363 miles at exactly 54 miles an hour, including stops. This is comparable with the New York Central's Empire State Express, which runs from New York to Buffalo, 440 miles, at 53.4 miles an hour. The best runs of such distance to be found in Great Britain are from Kings Cross to Edinburgh by the Great Northern, etc., 393 miles at 50.7 miles an hour; and from Euston to Glasgow, by the Northwestern, etc., 401.5 miles, at 50.2 miles an hour.

Fast running train on Philadelphia and Reading route (in Summer)—Camden to Atlantic City, 55.5 miles, in 44¾ to 48¼ minutes; average daily speed, 71.2 miles per hour. On August 15, 1898, on P. & R. and C. R. R. of N. J., "Royal Blue Line," between Elizabeth, N. J., and Jenkintown, a distance of 69 miles, in 61 minutes, including 2 "slow-ups," some of the miles being traversed in 38 seconds.

The quickest run between Jersey City and Washington, 231 miles, was made on the Central Railroad of New Jersey, March 2, 1897 (by a special train, bearing Vice-President-elect Hobart and party), in 4 hours 8 minutes, making the running time, including "slow-ups" for taking water, changing engines, etc., 60 miles an hour. This beat the time of the "Aunt Jack" train, made by the Madison Square Theatre Company March 10, 1890, which was 4 hours 18 minutes, each way, going and returning.

The Jarrett and Palmer special theatrical train, Jersey City to San Francisco, June, 1876, made the fastest time between the two oceans—3 days 7 hours 39 minutes 16 seconds.

AVERAGE SPEED, INCLUDING STOPS, OF FOREIGN EXPRESS TRAINS PER HOUR IN MILES.

England, 51.75; Germany, 51.25; France, 49.88; Belgium, 45.04; Holland, 44.73; Italy, 42.34; Austria-Hungary, 41.75.

Railroad Commissions.

INTERSTATE COMMERCE COMMISSION.

WASHINGTON, D. C.

Martin A. Knapp, of New York, Chairman.
Judson C. Clements, of Georgia.
James D. Yeomans, of Iowa.
Edward A. Moseley, Secretary.

Charles A. Prouty, of Vermont.
Joseph W. Fifer, of Illinois.

Martin S. Decker, Asst. Secretary.

STATE RAILROAD COMMISSIONERS.

Alabama Railroad Commission—Montgomery. James Crook, Chairman, Jacksonville; A. E. Caffee, Marion; Osceola Kyle, Decatur; V. C. Griffin, Secretary, Montgomery.

Arkansas Railroad Commission—Little Rock. Robert Neill, Chairman, Batesville; J. G. Wallace, Russellville; Henry W. Wells, Monticello; C. S. Collins, Secretary, Little Rock

California Railroad Commission—San Francisco. E. B. Edson, Chairman, Gazelle; C. S. Laumeister, San Francisco; N. Blackstock, Ventura; Wm. T. Sesnon, Secretary, San Francisco.

Colorado State Board of Equalization—W. H. Griffith, Secretary, Denver, Col.

Connecticut Board of Railroad Commissioners—Hartford. W. F. Willcox, Chairman, Chester; William O. Seymour, Ridgefield; O. R. Fyler, Torrington; Henry F. Billings, Clerk, Hartford.

Florida Railroad Commissioners—Tallahassee. Henry E. Day, Chairman, Gainesville; J. M. Bryan, Kissimmee; J. L. Morgan, White Springs; John L. Neeley, Secretary, Tallahassee.

Georgia Railroad Commission—Atlanta. L. N. Trammell, Chairman, Marietta; S. R. Atkinson, Atlanta; Thomas C. Crenshaw, Jr., Cartersville; J. D. Massey, Secretary, Atlanta.

Idaho State Board of Equalization—State Auditor and Secretary, Boise City.

Illinois Railroad and Warehouse Commission—Springfield. C. J. Lindly, Chairman, Greenville; Charles S. Rannells, Jacksonville; Joseph E. Bidwell, Chicago; Wm. Kilpatrick, Secretary, Springfield.

Indiana Board of Tax Commissioners—Indianapolis. The Governor of the State, Chairman; the Secretary of State, the Auditor of State, John Wingate, Commissioner, Wingate; T. B. Buskirk, Commissioner, Paoli.

Iowa Board of Railroad Commissioners—Des Moines. E. A. Dawson, Chairman, Waverly; Welcome Mowry, Elberon; D. J. Palmer, Washington; D. N. Lewis, Secretary, Des Moines.

Kansas Court of Visitation—Topeka. W. A. Johnson, Presiding Judge, Garnett; L. S. Crum, Oswego; J. C. Postlethwaite, Jewell City; A. J. Myatt, Solicitor, Wichita.

Kentucky Railroad Commission—Frankfort. John C. Wood, Chairman, Mt. Sterling; H. S. Irwin, Louisville; J. F. Dempsey, Madisonville; Samuel D. Brown, Secretary, Frankfort.

Louisiana Railroad Commission—Baton Rouge. C. L. de Fuentes, Chairman, New Orleans; R. N. Sims, Jr., Donaldsonville; W. L. Foster, Shreveport; W. M. Barrow, Secretary, Baton Rouge.

Maine Railroad Commissioners—Augusta. Joseph B. Peaks, Chairman, Dover; Frederic Danforth, Gardiner; B. F. Chadbourne, Biddeford; E. C. Farrington, Secretary, Augusta.

Massachusetts Board of Railroad Commissioners—Boston. James F. Jackson, Chairman, Fall River; H. B. Goodwin, Cambridge; George W. Bishop, Newtonville; William A. Crafts, Secretary, Boston; Fred. E. Jones, Accountant, Brookline; George F. Swain, Bridge Engineer, Boston.

Michigan Commissioner of Railroads—Lansing. Chase S. Osborn; Chas. H. Chapman, Deputy Commissioner; Elliot F. Moore, Mechanical Engineer.

Minnesota Railroad and Warehouse Commission—St. Paul. Ira B. Mills, Chairman; George L. Becker, P. M. Ringdal; A. K. Teisberg, Secretary, St. Paul.

Mississippi Railroad Commission—Jackson. J. J. Evans, Chairman, Aberdeen; M. M. Evans, Moss Point; John D. McInnis, Meridian; John A. Webb, Secretary, Jackson.

Missouri Railroad and Warehouse Commission—Jefferson City. Joseph Flory, Chairman; T. J. Hennessey, Wm. E. McCully; James Harding, Secretary.

Nebraska State Board of Transportation—Lincoln. The State Auditor, Chairman; the Secretary of State, the Attorney-General, the Commissioner Public Lands, and State Treasurer. Secretaries—J. W. Edgerton, Grand Island; G. L. Laws, Lincoln; James C. Dahlman, Omaha.

New Hampshire Railroad Commission—Concord. Henry M. Putney, Chairman, Manchester; E. B. S. Sanborn, Franklin Falls; Josiah G. Bellows, Clerk, Walpole.

New York Board of Railroad Commissioners—Albany. Ashley W. Cole, Chairman; F. M. Baker, George W. Dunn; John S. Kenyon, Secretary.

North Carolina Corporation Commission—Raleigh. Franklin McNeill, Chairman; Sam. L. Rogers, E. C. Beddingfield; H. C. Brown, Secretary.

North Dakota Commissioners of Railroads—Bismarck. John Simons, Chairman, Valley City; L. L. Walton, Lemert; Henry Erickson, Towner; W. A. Stickley, Secretary, Fessenden.

Ohio Commissioner of Railroads and Telegraphs—Columbus. R. S. Kayler, Commissioner, Columbus; E. H. Archer, Chief Clerk, Columbus; J. C. Morris, Inspector, Youngstown; N. C. Ailes, Recording Clerk, Columbus; C. M. Runyan, Statistical Clerk, Columbus.

Oregon Railroad Commission—Abolished by the Legislature, October, 1898.

Pennsylvania Bureau of Railways—Harrisburg. Isaac B. Brown, Superintendent.

Rhode Island Railroad Commissioner—Providence. E. L. Freeman.

South Carolina Railroad Commissioners—Columbia. W. D. Evans, Chairman, Cheraw; C. W. Garris, Bamburg; J. C. Wilborn, Old Point; D. P. Duncan, Secretary, Columbia.

South Dakota Railroad Commissioners—Sioux Falls. W. T. La Follette, Chairman, Chamberlain; Alex. Kirkpatrick, Wissington; W. G. Smith, Sturgis; H. W. Sawyer, Secretary, Sioux Falls; C. C. Crandall, Auditor, Sioux Falls.

Tennessee Railroad Commissioners—Nashville. N. W. Baptist, Chairman; J. N. McKenzie, Thos. L. Williams; Frank Avent, Secretary.

Texas Railroad Commission—Austin. John H. Reagan, Chairman; L. J. Storey, Allison Mayfield; J. J. Arthur, Secretary.

Vermont State Railroad Commissioners—Montpelier and Burlington. D. J. Foster, Chairman, Burlington; A. E. Watson, Hartford; John D. Miller, Wallingford; Miss W. L. Brigham, Clerk, Burlington.

Virginia Railroad Commission—Richmond. James C. Hill, Chairman; E. G. Akers, Secretary.

Wisconsin Railroad Commissioner—Madison. G. L. Rise; James S. Stack, Deputy Commissioner.

Wyoming Board of Equalization—Cheyenne. The State Treasurer, President; the State Auditor, Secretary; the Secretary of State, Member; F. J. Neswander, Clerk.

Railroad Traffic of the World.

COUNTRIES	Miles of Railroad	Cost of Roads and Equipments.	Passengers Carried.	Tons of Freight Carried.	Receipts.	Expenditures.
Europe	161.200	$18.335.000.000	2,460.000.000	1,043.000.000	$1,640.000.000	$945 000.000
America	232.060	14.570.000.000	610 000.000	820,000.000	1.305.000.000	910.000.000
Africa	8.580	515.000.000	24,000.000	7.000.000	46,500,000	23.500.000
Asia	26,150	1,375,000.000	226,000,000	38.000.000	110,000,000	55.000.000
Australia ...	14,210	725,000,000	60,000,000	12,000,000	53,500,000	31,500.000
Total	442,200	$35,520,000,000	3,380,000,000	1,920,000,000	$3,155,000,000	$1,865,000,000

This table of statistics of the railroads of the world is by Mulhall, and represents the business of the year 1897.

RAILROAD MILEAGE BY COUNTRIES.

The following statement by *Engineering* represents the world's railway mileage at the beginning of 1898:

Countries.	*Miles.*
All of Germany	30,072
Austro-Hungary (including Bosnia, etc.)	21,042
Great Britain and Ireland	21,528
France	25,838
Russia (including Finland)	25,164
Italy	9,777
Belgium	3,690
Netherlands (including Luxembourg)	1,956
Switzerland	2,279
Spain	6,823
Portugal	1,474
Denmark	1,589
Norway	1,211
Sweden	6,356
Servia	356
Roumania	1,800
Greece	595
European Turkey, Bulgaria, and Roumelia	1,596
Malta, Jersey, Man	70
Total, Europe	163,216
United States	185,466
Canada	16,791
Newfoundland	569
Mexico	7,431

Countries.	*Miles.*
Central America	649
Total, North America	210,906
United States of Colombia	348
Cuba	1,111
Venezuela	637
San Domingo	117
Brazil	8,713
Argentina	9,483
Paraguay	158
Uruguay	1,125
Chile	2,679
Peru	1,042
Bolivia	625
Ecuador	188
British Guiana	22
Jamaica, Barbados, Trinidad, Martinique, and Porto Rico	586
Total, South America	26,834
British India	21,138
Ceylon	298
Turkey in Asia	1,569
Russia in Asia	3,321
Persia	34
Dutch India	1,301
Japan	2,520
Portuguese India	51

Countries.	*Miles.*
Malay Archipelago	162
China	301
Siam	168
Cochin China, Pondicherry, Malacca, and Tonquin	239
Total, Asia	31,102
Egypt	,776
Algeria and Tunis	2,722
Cape Colony and Natal	2,271
South African Republic	462
Orange Free State	713
Mauritius, Reunion, Congo, the Soudan, and other States	2,034
Total, Africa	9,978
Australia and Oceanica	14,384
Recapitulation:	
Europe	163,216
North America	210,906
South America	26,834
Asia	31,102
Africa	9,978
Australasia	14,384
Total	456,420

Railway Mileage in the United States.

BY STATES AND TERRITORIES.

STATE OR TERRITORY.	MILEAGE ON JUNE 30, 1898. Official.	Unofficial.	Total Mileage.
Alabama	3,888.65	31.25	3,919.90
Alaska	....	....	.....
Arizona	1,324.50	15.00	1,339.50
Arkansas	2,820.63	40.95	2,861.58
California	5,412.32	55.59	5,467.91
Colorado	4,547.71	53.47	4,601.18
Connecticut	1,009.05	.....	1,009.05
Delaware	351.12	.....	351.12
District of Columbia	29.75	.....	29.75
Florida	3,145.12	86.50	3,231.62
Georgia	5,390.87	95.00	5,485.87
Idaho	1,094.41	.....	1,094.41
Illinois	10,849.07	2.60	10,851.67
Indiana	6,399.46	1.00	6,400.46
Indian Territory	1,188.99	.....	1,188.99
Iowa	8,511.73	6.40	8,518.13
Kansas	8,790.41	.....	8,790.41
Kentucky	3,093.41	12.00	3,105.41
Louisiana	2,434.45	67.00	2,501.45
Maine	1,776.21	.....	1,776.21
Maryland	1,316.27	9.43	1,325.70
Massachusetts	2,110.99	13.70	2,124.69
Michigan	7,953 73	21.05	7,974.78
Minnesota	6,216.96	.....	6,216.96
Mississippi	2,671.22	10 00	2,681.22
Missouri	6,753.66	8.90	6,762.56
Montana	2,915.46	.....	2,915.46
Nebraska	5,604.30	.....	5,604.30
Nevada	898.35	....	898.35
New Hampshire	1,229.08	....	1,229.08

STATE OR TERRITORY.	MILEAGE ON JUNE 30, 1898. Official.	Unofficial.	Total Mileage.
New Jersey	2,215.73	21.80	2,237.53
New Mexico	1,533.79	6.00	1,539.79
New York	8,292.32	7.50	8,299.82
North Carolina	3,590.51	19.00	3,609.51
North Dakota	2,584.42	.....	2,584.42
Ohio	8,717 76	18.38	8,736.14
Oklahoma	511.75	.....	511.75
Oregon	1,567.92	31.46	1,599.38
Pennsylvania	9,833.05	76.46	9,909 51
Rhode Island	223.05	.....	223.05
South Carolina	2 665.32	23.00	2,688.32
South Dakota	2,790.58	12.21	2,802.79
Tennessee	3,089.87	19 50	3,109.37
Texas	9,543.62	106.40	9,650.02
Utah	1,417.65	.....	1,417.65
Vermont	992.81	.....	992.81
Virginia	3,660.69	15.50	3,676.19
Washington	2,792.23	37.00	2,829.23
West Virginia	2,065.58	77.50	2,143.08
Wisconsin	6,374.27	24.00	6,398.27
Wyoming	1,179.97	.....	1,179.97
Grand total in U. S. 1898	185,370.77	1,025.55	186,396.32
Grand total in U. S. 1897	182,919.82	1,508.65	184,428.47
Grand total in U. S. 1896	181,153.77	1,622.86	182,776.63
Grand total in U. S. 1895	179,175.51	1,481.96	180,657 47
Grand total in U. S. 1894	176,602.61	2,105.94	178 708.55
Grand total in U. S. 1893	170,332.30	6,128.77	176,461.07
Grand total in U. S. 1892	165,690.97	5,872.55	171,563.52
Grand total in U. S. 1891	164,602.79	3,799.95	168,402.74

STATEMENT showing the cost and date of construction, length, number of locks, and navigable depth of the principal canals of the United States used for commercial purposes.

CANALS.	Cost of Construction.*	When Completed	Len'h miles.	No. of Locks.	Depth feet.†	Location.
Albemarle and Chesapeake	$1,641,363	1860	44	1	7 1-2	Norfolk, Va., to Currituck Sound, N. C.
Augusta	1,500,000	1847	9	...	11	Savannah River, Ga., to Augusta, Ga.
Black River	3,581,854	1849	35	109	4	Rome, N. Y., to Lyons Falls, N. Y.
Cayuga and Seneca	2,232,632	1839	25	11	7	Montezuma, N. Y., to Cayuga and Seneca Lakes, N. Y.
Champlain	4,044,000	1822	66	32	6‡	Whitehall, N. Y., to West Troy, N. Y.
Chesapeake and Delaware	3,730,230	1829	14	3	9	Chesapeake City, Md., to Delaware City, Del.
Chesapeake and Ohio	11,290,327	1850	184	73	6	Cumberland, Md., to Washington, D. C.
Company's	90,000	1847	22	1	6	Mississippi River, La., to Bayou Black, La.
Delaware and Raritan	4,888,749	1838	66	14	7	New Brunswick, N. J., to Trenton, N. J.
Delaware Division	2,433,350	1830	60	33	6	Easton, Pa., to Bristol, Pa.
Des Moines Rapids	4,582,000	1877	7 1-2	3	5	At Des Moines Rapids, Mississippi River.
Dismal Swamp	2,800,000	1822	22	7	6	Connects Chesapeake Bay with Albemarle Sound.
Erie	52,540,800	1826	352	72	7‡	Albany, N. Y., to Buffalo, N. Y.
Fairfield	.....	....	4 1-2	None.	..	Alligator River to Lake Mattimuskeet, N. C.
Galveston and Brazos	340,000	1851	38	...	3 1-2	Galveston, Tex., to Brazos River, Tex.
Hocking	975,181	1843	42	25	4	Carroll, O., to Nelsonville, O.
Illinois and Michigan	7,357,737	1848	102	15	6	Chicago, Ill., to La Salle, Ill.
Illinois and Mississippi	568,647	1895	4 1-2	3	7	Around lower rapids of Rock Riv., Ill. Connects with Miss. R.
Lehigh Coal and Navigation Co.	4,155,000	1821	108	57	6	Coalport, Pa., to Easton, Pa.
Louisville and Portland	5,578,631	1872	2 1-2	2	..	At Falls of Ohio River, Louisville, Ky.
Miami and Erie	8,062,680	1835	274	93	5 1-2	Cincinnati, O., to Toledo, O.
Morris	6,000,000	1836	103	33	5	Easton, Pa., to Jersey City, N. J.
Muscle Shoals and Elk R. Shoals.	3,156,919	1889	16	11	6	Big Muscle Shoals, Tenn., to Elk River Shoals, Tenn.
Newberne and Beaufort	.....	....	3	None.	..	Clubfoot Creek to Harlow Creek, N. C.
Ogeechee	407,818	1840	16	5	3	Savannah River, Ga., to Ogeechee River, Ga.
Ohio	4,695,204	1835	317	150	4	Cleveland, O., to Portsmouth, O.
Oswego	5,239,526	1828	38	18	7	Oswego, N. Y., to Syracuse, N. Y.
Pennsylvania	7,731,750	1829	193	71	6	Columbia, Northumberland, Wilkes-Barre, Huntingdon, Pa.
Portage Lake and Lake Superior	528,892	1873	25	None.	15	From Keweenaw Bay to Lake Superior.
Port Arthur	.....	1899	7	...	26	Port Arthur, Tex., to Gulf of Mexico.
Santa Fe	70,000	1880	10	...	5	Waldo, Fla., to Melrose, Fla.
Sault Ste. Marie	4,000,000	1895	3	1	18	Connects Lakes Superior and Huron at St. Mary's River.
Schuylkill Navigation Company	12,461,600	1826	108	71	6 1-4	Mill Creek, Pa., to Philadelphia, Pa.
Sturgeon Bay and Lake Mich'n.	99,661	1881	11-4	None.	15	Between Green Bay and Lake Michigan.
St. Mary's Falls	7,909,667	1896	1 1-3	1	21	Connects Lakes Superior and Huron at Sault Ste. Marie, Mich.
Susquehanna and Tidewater	4,931,345	1840	45	32	5 1-2	Columbia, Pa., to Havre de Grace, Md.
Walhonding	607,269	1843	25	11	4	Rochester, O., to Roscoe, O.
Welland	23,736,353	....	26 3-4	55	14	Connects Lake Ontario and Lake Erie.

* And improvements. † Navigable depth. ‡ Chapter 79 Laws of 1895 provided for deepening the Erie Canal to 9 feet, and the Champlain Canal to 7 feet. The work of deepening was suspended in April, 1898, by the exhaustion of the $9,000,000 appropriated. The total miles deepened to 9 feet is about 40 per cent of the entire length of the Erie Canal. Until the canal is deepened to 9 feet for its total length, boats drawing more than the old regulation amount of water will not be cleared.

THE HARLEM RIVER SHIP CANAL, connecting the Hudson River and Long Island Sound, by way of Spuyten Duyvil Creek and Harlem River, was opened for traffic on June 17, 1895, and cost about $2,700,000.

NEW YORK CANALS.—The whole number of tons of freight carried upon the State canals during the season of 1899 was 3,686,051, as compared with 3,360,063 tons for the season of 1898, a gain of 322,988 tons.

The amounts of the more important items of freight carried during 1899 are as follows: Boards and scantlings, 617,656 tons; timber, 10,537 tons; wood, 53,871 tons; wood pulp, 147,547 tons; flour, 1,247 tons; wheat (bush., 9,414,066), 282,422 tons; rye, 5,831 tons; corn, 92,670 tons; barley, 78,672 tons; oats, 93,733 tons; pig iron, 54,606 tons; salt, 91,068 tons; sugar, 71,911 tons; anthracite coal, 607,762 tons; bituminous coal, 169,981 tons; iron ore, 205,234 tons.

The shipments of grain by the Erie Canal during the season of 1899 were 21,252,537 bushels, as compared with 20,844,783 bushels in 1898, and 21,940,189 bushels in 1897; flour, in 1899, 11,546 bbls.; in 1898, none; in 1897, 15,414 bbls.; in 1896, 62,050 bbls.

SUEZ CANAL.—The Suez Canal is ninety-two miles long and cost about $102,750,000.

MANCHESTER SHIP CANAL.—Cost of canal about $77,000,000. For the half year ending June 30, 1899, the gross revenue of the Ship Canal proper amounted to £124,183, and the expenditure to £91,359, leaving a net balance of £32,826. The Bridgewater canals furnished an additional net revenue of £21,904, making a balance available to meet fixed charges amounting to £55,795. The interest on debentures issued to the public requires £44,742; a mortgage on surplus lands absorbs £1,000, and the interest on the debentures held by the Manchester Corporation amounts to £112,500, making a total sum of £158,242. There is consequently a deficit for the half year of £102,447. A comparison with the corresponding period in 1898, however, shows that some progress is being made, the gross receipts of the Ship Canal showing an increase of £17,488, while the total net balance expanded by £11,126. Should the present growth of revenue be maintained it will be some nine years before the undertaking is able to overtake its fixed charges.—The Economist.

BALTIC CANAL.—Also known as the "North Sea and Baltic" and "Kiel" Canal. The canal is a waterway of great strategical importance for the Imperial fleets. It permits the German naval forces to concentrate themselves either in one sea or the other in a very few hours.

PANAMA CANAL.—Length, 46 1-2 miles; estimated time of transit, 19 hours. The construction of a canal with locks has been pronounced practicable by an international board of French, English, German, Russian, and American engineers. The new plans provide for the usual system of locks and dams. Good harbors exist at the Atlantic and Pacific terminals. The canal is practicably finished from Colon to Bujeo, 14 miles; this however, is the least expensive part. The great trouble is in passing through the Culebra Ridge. The width of the canal will be 160 feet at the top and 72 feet at the bottom, except through the ridge, where it will be 78 feet at the top and 29 feet at the bottom. About $275,000,000 is estimated as having already been expended on the canal, resulting in the accomplishment of about 40 per cent of the entire amount of excavation that will be required. Time required for completion, about ten years. On December 27, 1899, the Panama Canal Company of America was incorporated in New Jersey to acquire and complete the Maritime Ship Canal across the Isthmus of Panama of the new Panama Canal Company of France. The authorized capital stock is $30,000,000, $5,000,000 being first preferred stock, $15,000,000 second preferred stock, and $10,000,000 common stock, it being designed to increase the same to $120,000,000 at an early date. The cost of completing the canal, it is said, will not exceed $100,000,000.

NICARAGUA CANAL.—Projected to connect the Atlantic and Pacific oceans, using the waters of Lake Nicaragua. Total distance from ocean to ocean, 189.9 miles; depth of canal, 30 feet; least width at bottom, 100 feet; time transit from ocean to ocean, 44 hours; length of Lake Nicaragua, 110 miles; average width, 40 miles; surface area, about 2,600 square miles; area of watershed of lake, about 8,000 square miles.

From New York to San Francisco by water, around Cape Horn, the distance at present is 15,660 miles; by the Nicaragua Canal the distance between the same points will be 4,907 miles, a saving of 10,753 miles. The distances in statute miles from New York to the Pacific Ocean by the principal land and water routes are as follows: By water to Cape Horn, 7,897; by Southern Pacific Railroad, 3,709; by Canadian Pacific Railroad, 3,619; by Central Pacific Railroad, 3,269; by Northern Pacific Railroad, 3,237; by Nicaragua Canal, 2,519. Distance from Manila to New York in nautical miles, via Suez Canal, 11,565; via Nicaragua Canal, 11,746. Distance from Manila to London in nautical miles, via Suez Canal, 9,600; via Nicaragua Canal, 14,850. Estimated cost of construction of Nicaragua Canal by Nicaragua Canal Commission was $125,000,000; time required for construction, about seven years.

The Submarine Cables of the World.

(From report issued by the International Bureau of Telegraph Administrations.)

THE following table sets forth the entire system of submarine cables of the world, including those along the shores and in the bays, gulfs, and estuaries of rivers, but excepting those in lakes and the interior watercourses of continents. The list includes all cables operated by private companies, and in addition thereto under the name of each nation is given the list of cables operated by the government of that nation.

COMPANIES.	Number of Cables.	Length of Cables in Nautical Miles.
Anglo-American Telegraph Co.:		
Transatlantic System—Valentia (Ireland) to Heart's Content (Newfoundland)	4	7,510
Minon, near Brest (France), to St. Pierre-Miquelon	1	2,718
Communication on American coasts	9	1,964
European Communication	1	101
Total	15	12,293
Commercial Cable Co.:		
Transatlantic System—Waterville (Ireland) to Canso (Nova Scotia)	3	6,893
Canso, N. S., to New York	1	826
Canso, N. S., to Rockport, Mass.	1	511
Communication in Europe	2	839
Total	7	9,069
Direct United States Cable Co.:		
Ballinskellig's Bay (Ireland) to Halifax (Nova Scotia)	1	2,564
Halifax, N. S., to Rye Beach, N. H.	1	535
Total	2	3,099
Western Union Telegraph Co.:		
Transatlantic System—Sennen Cove, near Penzance, England, to Dover Bay, near Canso, N. S.	2	5,107
Dover Bay, N. S., to New York	2	1,776
Gulf of Mexico System	8	459
Total	12	7,342
Compagnie Française des Câbles Télégraphiques	19	4,720
Brest (France) to Cape Cod, Mass.	1	3,250
Brest (France) to St. Pierre-Miq.	1	2,291
St Pierre to Cape Cod, Mass.	1	828
Other branch lines	2	422
Total	24	11,511
African Direct Telegraph Co.	8	2,938
Black Sea Telegraph Co.	1	337
Brazilian Submarine Telegraph Co.:		
Carcavellos, near Lisbon (Portugal), to Madeira, to St. Vincent (Cape Verde Island), to Pernambuco (Brazil)	6	7,375
Central and South American Telegraph Co.	15	7,500
Compagnie Allemande des Câbles Télégraphique	1	1,114
Compania Telegrafico-Telefonica del Plata	1	28
Compania Telegrafico del Rio de la Plata	1	28
Cuba Submarine Telegraph Co.	4	1,049
Direct Spanish Telegraph Co.	4	710
Direct West India Cable Co.:		
Bermuda-Turk's Island, and Turk's Island-Jamaica	2	1,280
Eastern and South African Telegraph Co.	13	8,907
Eastern Extension Australasia and China Telegraph Co.	27	17,359
Eastern Telegraph Co.:		
Anglo-Spanish-Portuguese System	13	5,374
System West of Malta	18	5,713
Italo-Greek System	2	253
Austro-Greek System	1	503
Greek System	12	699
Turko-Greek System	4	578
Turkish System	15	842
Egypto-European System	5	3,427
Egyptian System	1	155
Egypto-Indian System	13	11,805
Total	84	29 349
Europe and Azores Telegraph Co.	2	1,053
Great Northern Telegraph Co.:		
Cables in Europe and Asia	24	6,982
Halifax and Bermuda Cable Co.	1	850
Indo-European Telegraph Co.	2	14
India Rubber, Gutta Percha, and Telegraph Works Co.	3	146
Mexican Telegraph Co.	3	1,528
River Plate Telegraph Co.	1	32
South American Cable Co.	2	2,049
United States and Hayti Telegraph and Cable Co.	1	1,389
West African Telegraph Co.	11	2,977
West Coast of America Telegraph Co.	8	1,956
Western and Brazilian Telegraph Co.	16	6 154
West India & Panama Telegraph Co.	24	4,639
Grand total	323	151,067

CABLES OWNED BY NATIONS.

Austria	41	214	Argentine Republic and Brazil	49	119
Belgium	2	55	Australia and New Zealand	31	345
Denmark	73	235	Bahama Islands	1	213
France	54	5,035	British America	1	200
Germany	58	2,225	British India (Indo-European Telegraph Department)	111	1,919
Great Britain and Ireland	135	1,989	China	2	113
Greece	46	55	Cochin China and Tonquin	2	774
Holland	24	62	Japan	70	1,508
Italy	39	1,061	Macao	1	2
Norway	325	324	Nouvelle Calédonie	1	1
Portugal	4	115	Netherlands Indies	7	891
Russia	9	231	Senegal, Africa—Dakar to Gorée Island	1	3
Spain	15	1,744			
Sweden	14	96			
Switzerland	2	10			
Turkey	23	344	Total	1,141	19,883

Telegraph Rates

BETWEEN NEW YORK CITY AND PLACES IN UNITED STATES AND CANADA.

EXPLANATION: Day rate, 40-3, means 40 cents for ten words and 3 cents for each additional word; night rate, 30-2, means 30 cents for ten words and 2 cents for each additional word. Address and signature are free. Rates given are Western Union rates.

Places.	Rate. Day.	Rate. Night.
ALABAMA	50-3	30-2
ALASKA: Messages by steamer from Seattle, Wash., to Skaguay, Alaska, thence by telegraph or mail to destination.		
ARIZONA	1.00-7	1.00-7
ARKANSAS: Helena, Hot Springs, Little Rock, Pine Bluff	50-3	30-2
All other places	60-4	40-3
BRITISH COLUMBIA: Fort Steele, Grand Forks, Greenwood, Nanimo, Nelson, New Westminster, Rossland, Vancouver, Victoria	1.00-7	1.00-7
CALIFORNIA	1.00-7	1.00-7
COLORADO	75-5	60-4
CONNECTICUT	25-2	25-1
DELAWARE	25-2	25-1
DISTRICT OF COLUMBIA	25-2	25-1
FLORIDA	60-4	40-3
GEORGIA	50-3	30-2
IDAHO	1.00-7	1.00-7
ILLINOIS: Chicago, Union Stock Yards, National Stock Yards	40-3	30-2
All other places	50-3	30-2
INDIANA: Columbus, Fort Wayne, Indianapolis, Jeffersonville, La Fayette, Logansport, New Albany, Richmond, Union City	40-3	30-2
All other places	50-3	30-2
INDIAN TERRITORY	75-5	60-4
IOWA: Burlington, Cedar Rapids, Clinton, Council Bluffs, Davenport, Des Moines, Dubuque, Fort Madison, Grinnell, Iowa City, Keokuk, Muscatine, Newton, Sioux City Wilton	50-3	30-2
All other places	60-4	40-3
KANSAS: Atchison, Leavenworth	50-3	30-2
All other places	60-4	40-3
KENTUCKY: Covington, Lexington, Louisville, Newport	40-3	30-2
All other places	50-3	30-2
KLONDIKE: See Alaska and Northwest Territories.		
LOUISIANA	60-4	40-3
MAINE	25-2	25-1
MANITOBA	75-5	60-4
MARYLAND: Aberdeen, Aiken, Annapolis, Ashland, Baltimore, Barclay Sta., Black's, Centreville, Chesapeake City, Chestertown, Childs, Colora, Conowingo, Cordova, Cumberland, Elkton, Frederick, Goldsboro, Golt, Greensboro, Hagerstown, Hancock, Havre de Grace, Henderson, Kennedyville, Lambson, Leslie, Lynch's, Marydell, Massey Cross Roads, Millington, North East, Octorora, Perryville, Port Deposit, Price's, Queen Anne, Ridgely, Rising Sun, Rowlandsville, Singerly, Sudlersville, Worton	25-2	25-1
Berlin, Easton, Federalsburg, Salisbury	30-2	25-1
All other places	40-3	30-2
MASSACHUSETTS	25-2	25-1
MICHIGAN: Ann Arbor, Bay City, Detroit, E. Saginaw, Flint, Mount Clemens, Port Huron, Saginaw City, So. Bay City, Ypsilanti	40-3	30-2
All other places	50-3	30-2
MINNESOTA: Duluth, Hastings, Minneapolis, Red Wing, St. Paul, Stillwater, Wabasha, Winona	50-3	30-2
All other places	60-4	40-3
MISSISSIPPI	50-3	30-2
MISSOURI: St. Louis	40-3	30-2
Hannibal, Jefferson City, Kansas City Louisiana, Sedalia, St. Joseph	50-3	30-2
All other places	60-4	40-3
MONTANA	75-5	60-4
NEBRASKA: Omaha	50-3	30-2
All other places	60-4	40-3
NEVADA	1.00-7	1.00-7
NEW BRUNSWICK: St. Stephen	35-2	25-1
All other places	50-3	30-2
NEWFOUNDLAND: St. John's	1.25-11	1.25-11
NEW HAMPSHIRE	25-2	25-1
NEW JERSEY: Bloomfield, Carlstadt, East Orange, Elizabeth, Glen Ridge, Hoboken, Jersey City, Montclair, Mountain Station, Newark, Orange, Orange Valley, Passaic, Paterson, Rutherford, South Orange, Union Hill, Weehawken	20-1	20-1
All other places	25-2	25-1
NEW MEXICO	75-5	60-4
NEW YORK: Astoria, Brooklyn, Caryl, Flatbush, Fordham Heights, Governor's Island, High Bridge, Hunter's Point, Kingsbridge, Long Island City, Morris Heights, New York City, Ravenswood, Riverdale, Spuyten Duyvil, Van Cortlandt, Williamsbridge, Woodlawn, Yonkers	20-1	20-1
All other places	25-2	25-1
NORTH CAROLINA	50-3	30-2
NORTH DAKOTA	75-5	60-4
NORTHWEST TERRITORIES, Klondike: Messages by steamer from Seattle, Wash., to Skaguay, Alaska, thence by telegraph to destination.		
NOVA SCOTIA	50-3	30-2
OHIO: Bellaire, Bridgeport, Brilliant, Martin's Ferry	35-2	25-1
All other places	40-3	30-2
OKLAHOMA TERRITORY	75-5	60-4
ONTARIO	40-3	30-2
OREGON	1.00-7	1.00-7
PENNSYLVANIA: Philadelphia	20-1	20-1
All other places	25-2	25-1
QUEBEC: Stanstead	25-2	25-1
All other places	40-3	30-2
RHODE ISLAND	25-2	25-1
SOUTH CAROLINA	50-3	30-2
SOUTH DAKOTA	75-5	60-4
TENNESSEE: Bristol, Clarksville, Memphis, Nashville	40-3	30-2
All other places	50-3	30-2
TEXAS: Austin, Dallas, Denison, Fort Worth, Gainesville, Galveston, Houston, Paris, San Antonio, Sherman, Waco	75-5	50-3
All other places	75-5	60-4
UTAH	75-5	60-4
VERMONT	25-2	25-1
VIRGINIA: Alexandria, Fredericksburg	25-2	25-1
Norfolk, Petersburg, Portsmouth, Richmond, Staunton, West Norfolk	35-2	25-1
All other places	40-3	30-2
WASHINGTON	1.00-7	1.00-7
WEST VIRGINIA: Parkersburg, Piedmont, Wheeling	35-2	25-1
All other places	40-3	30-2
WISCONSIN	50-3	30-2
WYOMING	75-5	60-4

TELEGRAPH RATES—*Continued.*

TELEGRAPH RATES TO FOREIGN COUNTRIES.

These rates are from New York City. The address and signature are included in the chargeable matter, and the length of words is limited to fifteen letters. When a word is composed of more than fifteen letters, every additional fifteen or the fraction of fifteen letters will be counted as a word.

	Per Word.		Per Word.		Per Word.		Per Word.
Algeria	$0.32	Demerara	$1.49	Martinique	$1.00	Santo Domingo	$1.32
Alexandria(Egypt)	.56	Denmark	.35	Matanzas	.25	Scotland	.25
Antigua	.86	Ecuador	1.25	Melbourne, Vic	1.43	Servia	.36
Argentine Repub.	1.00	England	.25	Mexico City,	$1.75, 10 wds.	Sicily	.32
Austria	.34	France	.25	Nassau (Bahamas)	.35	Siam	1.19
Barbadoes	.96	Germany	.25	Natal (So. Africa)	1.23	Singapore	1.35
Belgium	.25	Gibraltar	.43	New South Wales	1.45	Spain	.40
Bermuda	.42	Greece	.38	New Zealand	1.52	St. Thomas	1.01
Bolivia	1.25	Guatemala	.55	Norway	.35	Sweden	.39
Brazil	1.35	Havana	.25	Orange Free State	1.23	Switzerland	.30
Bulgaria	.38	Hayti	1.55	Panama	.97	Sydney (N. S. W.)	1.45
Burmah	1.27	Holland	.25	Paraguay	1.00	Tangier	.45
Callao (Peru)	1.25	Hungary	.34	Penang	1.35	Tasmania	1.58
Cairo (Egypt)	.61	India	1.23	Peru	1.25	Transvaal	1.23
Cape Colony (S.Af.)	1.23	Ireland	.25	Porto Rico	.75	Trinidad	1.03
Ceylon	1.25	Italy	.32	Portugal	.39	Turkey (Europe)	.37
Chile	1.25	Jamaica	.48	Queensland	1.50	Turkey (Asia)	.47
China	1.60	Japan	1.76	Roumania	.36	Uruguay	1.00
Cochin China	1.35	Java	1.47	Russia (Europe)	.43	Venezuela	1.60
Colon	.97	Korea (Seoul)	1.96	Russia (Asia, West)	.50	Vera Cruz,	$1.75, 10 wds.
Cyprus	.56	Malta	.36	Russia (Asia, East)	.56	Victoria (Aus.)	1.43

TELEGRAPH AND TELEPHONE STATISTICS.

THE WESTERN UNION TELEGRAPH COMPANY.

Statement exhibiting the mileage of lines operated, number of offices, number of messages sent, receipts, expenses, and profits for 1866, 1870, 1875, 1880, and 1890, and each year from 1893 to 1899 inclusive:

Year.	Miles of Poles and Cables.	Miles of Wire.	Offices.	Messages.	Receipts.	Expenses.	Profits.
1866	37,380	75,686	2,250	.....	.....	.....	.....
1870	54,109	112,191	3,973	9,157,646	$7,138,737.96	$4,910,772.42	$2,227,965.54
1875	72,833	179,496	6,565	17,153,710	9,564,574.60	6,335,414.77	3,229,157.83
1880	85,645	233,534	9,077	29,215,509	12,782,894.53	6,948,956.74	5,833,937.79
1890	183,217	678,997	19,382	55,878,762	22,387,028.91	15,074,303.81	7,312,725.10
1893	189,936	769,201	21,078	66,591,858	24,978,442.96	17,482,405.63	7,496,037.28
1894	190,303	790,792	21,166	58,632,237	21,852,655.00	16,060,170.00	5,792,485.00
1895	189,714	802,651	21,360	58,307,315	22,218,019.18	16,076,629.97	6,141,389.21
1896	189,918	826,929	21,725	58,760,444	22,612,736.28	16,714,756.10	5,897,980.18
1897	190,614	841,002	21,769	58,151,684	22,638,859.16	16,906,656.03	5,732,203.13
1898	189,847	874,420	22,210	62,173,749	23,915,732.78	17,825,581.52	6,090,151.26
1899	189,856	904,633	22,285	61,398,157	23,954,312.05	18,085,579.19	5,868,732.86

The average toll per message in 1868 was 104.7; in 1889 was 31.2; in 1890 was 32.4; in 1891 was 32.5; in 1892 was 31.6; in 1893 was 31.2; in 1894 was 30.5; in 1895 was 30.7; in 1896 was 30.9; in 1897 was 30.5; in 1898 was 30.1; in 1899 was 30.8. The average cost per message to the company in 1868 was 63.4; in 1889 was 22.4; in 1890 was 22.7; in 1891 was 23.2; in 1892 was 22.3; in 1893 was 22.7; in 1894 was 23.3; in 1895 was 23.3; in 1896 was 24.0; in 1897 was 24.3, in 1898 was 24.7; in 1899 was 25.1.

The Postal Telegraph Cable Company also transacts business over a portion of the United States, but the company declines to furnish information of its wire mileage, etc.

GROWTH OF THE TELEGRAPH SERVICE IN THE WORLD.

Number of messages, 1870: Norway, 466,700, Sweden, 590,300; Denmark, 513,623; Germany, 8,207,800; Netherlands, 1,837,800; Belgium, 1,998,800; France, 5,663,800; Switzerland, 1,629,235; Spain, 1,050,000; Italy, 2,189,000; Austria, 3,388,249; Hungary, 1,489,000; United States, 9,157,646; Great Britain and Ireland, 9,650,000.

Number of messages, 1895-96: Norway, 2,000,000; Sweden, 3,000,000, Denmark, 1,502,965; Germany, 32,134,472; Netherlands, 4,385,010; Belgium, 8,307,193; France, 52,000,000, Switzerland, 5,000,000; Spain, 4,084,704; Italy, 8,842,383; Austria, 12,602,632, Hungary, 9,969,844; United States, 70,000,000; Great Britain and Ireland, 78,839,610.

TELEPHONE STATISTICS.

The following are the latest statistics made public by the American Bell Telephone Company, which practically monopolizes the telephone business of the United States. The figures are for January 1 of each year:

	1896.	1897.	1898.	1899.		1896.	1897.	1898.	1899.
Exchanges	927	967	1,025	1,126	Miles of wire submarine	2,023	2,818	2,675	2,973
Branch offices	686	832	937	1,008	Total miles of wire	459,728	526,845	626,400	773,989
Miles of wire on poles	260,324	286,632	327,315	396,503	Total circuits	237,837	264,645	295,904	338,293
Miles of wire on build'gs	12,861	12,594	13,776	15,329	Total employés	11,930	14,425	16,682	19,668
Miles of wire undergrnd	184,515	234,801	282,634	358,184	Total stations	281,695	325,244	384,230	465,180

The number of instruments in the hands of licensees under rental at the beginning of 1899 was 1,124,846. The number of exchange connections daily in the United States is 3,823,070, or a total per year of over 1,231,000,000. The average number of daily calls per subscriber was 8 2-10. The capital of the company is $25,886,300.

The long-distance company had January 1 1899, 10,079 miles of pole line and cable, and 123,275 miles of wire connecting 285 offices.

On January 1, 1898, Germany had 173,981 telephone stations; Sweden and Norway, 52,930; France, 45,000; Russia, 20,108; all Continental Europe, 465,180; Great Britain (1899), 103,084; United States (1899), 465,180.

Electrical Progress in 1899.

IN GENERAL.

THE close of the year 1899 found the electrical industry in all its departments in a remarkable and unprecedented state of prosperity and progress. The general increase in our export trade was shared by electrical manufacturers, but not to such an extent as will obtain in the near future, on account of the fact that just at present the domestic market cannot be promptly supplied with electrical products. Throughout the country electrical shops are crowded to their utmost capacity, and if the present prosperity continues, facilities for manufacturing will have to be materially increased. Recently published statistics from an authoritative source estimate that the total American capital in the electrical industry, almost the whole of it producing a rate of return far above the average market price of money, reaches the surprising grand total of $3,260,000,000. These results have been accomplished practically in the last twenty years and indicate a future for electrical development that can scarcely be imagined.

Careful students of the situation believe that the greatest electrical progress, outside of the field of pure invention, will lie in the direction of cheapening the cost of production and distribution of electric current. The alternating current, which can be much more economically transmitted to distant points, will, it is thought, eventually displace the direct current, except for special services.

Another electrical exposition was held in the Madison Square Garden, New York City, during May, 1899. A handsome collection of electrical apparatus and devices was made, but no startling novelties were shown. A demonstration of wireless telegraphy on a small scale attracted considerable interest, and an extensive collection of electromobiles was exhibited. The most interesting of these was an electric railway repair wagon.

The National Export Exposition, held at Philadelphia during the Fall months, utilized the electric current liberally for decorative purposes, and also included a department devoted to the exhibition of electrical apparatus.

THE TELEGRAPH.

The principal advance of the year has been in the development of wireless telegraphy. There has been reported a test of a new system of very high speed telegraphy in Austria. This system is no great novelty. Two Hungarian engineers, Pollak and Virag, conceived the idea of using a system practically similar to that employed on cables for high-speed telegraphy. The messages are first given to an operator of a typewriter machine, which punches certain arrangements of long and short holes in a paper strip, similar to that used in the familiar "ticker," corresponding to the letters of the alphabet. These holes are so arranged that when the paper tape is run through a proper sending machine certain positive and negative impulses corresponding to each letter will be sent out on the line. For example, the letter A consists of one positive and one negative impulse; the letter B of one negative and three positive impulses, and so for the other letters of the alphabet. This tape, once prepared, can be sent through the sending machine with great speed. The machine is very simple. A spool, over which runs the tape, has two metallic rings imbedded in it under the holes on the sides of the tape corresponding to positive or negative impulses. Over these two springs bear upon the paper strip. When a hole passes on either side, the corresponding spring presses through it upon the cylinder of metal beneath, completing an electrical circuit. Through this arrangement the line is given connection with the positive or negative side of the sending battery in such combinations as indicate each letter. The impulses arrive at the receiving end, and traverse a simple galvanometer arrangement which deflects to left or right accordingly as the impulses are positive or negative. A mirror mounted upon the moving part of the instrument reflects a beam of light which is allowed to fall on a sensitive photographic paper tape or sheet moved by clockwork. In this way the right and left deflections are recorded. A speed of over 100,000 words per hour on long lines has been attained with this system.

Signor Marconi and several assistants came to New York City in September to report the international yacht races off Sandy Hook by wireless telegraphy. Sending apparatus were located aboard two steamships, which followed the yachts, and receiving stations were placed, one on the cable-ship Mackay-Bennett, anchored near the Sandy Hook Lightship, and the other on shore at the Highlands of Navesink. Bulletins of the progress of the race were sent from the following steamships to the Mackay-Bennett, and were received on a Morse tape recorder. They were then translated, written out, and telegraphed to New York City over a submarine cable, the end of which was connected to telegraph instruments aboard the Mackay-Bennett. The cable-ship was used for the experiments, which were successful, under the auspices of the Postal Telegraph Cable Company and the Commercial Cable Company. The Western Union Telegraph Company also had an ocean telegraph station off Sandy Hook in the form of a schooner at anchor, with the end of a cable aboard connected with telegraph instruments. Newspaper tugs carried their bulletins to the schooner, from which they were telegraphed to New York in the ordinary manner.

The Signal Corps of the army made several experiments with Marconi's system of wireless telegraphy, with a view to its adoption by the corps for military use. The Navy Department also appointed a board of officers to report on tests made with the system between the cruiser New York, the battle-ship Massachusetts, and the torpedo-boat Porter. It is understood that neither of these tests was completely successful, and that it is doubtful if the Government adopts the system, chiefly on account of the high value Mr. Marconi places on his system and patents, about the validity of which there seems to be some doubt.

At the close of the year it was estimated that about $250,000,000 was invested in telegraphs in the United States. This includes the money invested in the plants of the two great companies, railroad telegraphs, messenger systems, and fire and police telegraphs.

THE TELEPHONE.

Telephony progressed during the last year at more rapid strides than any other branch of electrical development. The Bell interests in the Middle Northern States were practically combined into one system, which has become known as the Erie System, and which is probably at the present time the most extensive of the licensees of the American Bell Telephone Company. The Bell companies on the Pacific coast were also practically combined into one organization. The number of instruments issued by the American Bell Telephone Company to its licensees was the largest in its history. The company's system now includes about 500,000 subscribers, and represents a value of probably $225,000,000.

The system of the New York Telephone Company had at the end of the year 1899 over 37,000 stations in the boroughs of Manhattan and the Bronx, this being a gain of about 10,000 stations for the year. In Greater New York there was a total of over 49,000 stations, the boroughs of Brooklyn, Queens, and Richmond being served by a separate company. The number of public stations added to the system during the year was proportionate. In the matter of direct underground distribution of subscribers' lines much progress was made, and at present about 70 per cent of the stations are connected by wires which go overhead at no point between the telephone instruments

ELECTRICAL PROGRESS IN 1899—*Continued.*

and the switchboard. During the year the company opened two new exchanges operated on the common battery system, and installed new switchboards operating on this system in three of its old exchanges. The new system has proven very popular with subscribers on account of the marked gain in rapidity and accuracy of operation. The work of converting the remaining portions of the company's system to this basis is now in progress. The company has reduced its rates for service, and practically the entire system has been put on the "measured service" basis.

The "independent" telephone movement progressed greatly during the year, chiefly in the Middle Western States. There are now nearly 3,000 "independent" telephone exchanges in the United States, serving about 250,000 subscribers, at rates usually lower than the Bell charges for the same service. Toward the close of the year a number of prominent capitalists formed the Continental Telephone, Telegraph, and Cable Company, with a paid-in capital of $25,000,000. The object of the company, it was announced, was to connect together the "independent" exchanges throughout the country and to provide them with a long-distance service similar to that provided by the American Telephone and Telegraph Company for the licensees of the American Bell Telephone Company. The formation of the Continental Company, in the opinion of many, indicated that the American Bell Telephone Company would at last have a real competitor in its formerly exclusive field.

ELECTRIC LIGHTING.

The most noteworthy development of electric lighting during the year was the increased use of the long-burning inclosed arc lamp, especially for street lighting. These economical and efficient lamps are rapidly extending their field of usefulness, and there are probably 125,000 of them in service in Greater New York alone.

The Dewey celebrations in New York City and elsewhere were wonderfully enhanced by the use of electric lamps for decorative lighting. At the night ceremonies in New York the city was literally aflame with light. The Dewey Arch in Madison Square was an artistic glow of radiance, and searchlights, located on high places, pierced the heavens with their beams. The largest electric sign ever constructed was that on the Brooklyn Bridge. It was composed of letters nearly forty feet high, forming the words "Welcome Dewey," and could be seen from a long distance down the bay.

Soldiers returning from the war were welcomed in their home cities by arches and avenues of triumph, electrically illuminated.

Central electric-light stations look forward to the charging of storage batteries for the operation of electromobiles as a profitable source of revenue for their periods of light load, and are arranging to care for a large number of such customers.

While no exact statistics of electric lighting in the United States are obtainable, conservative estimates place the amount of capital now invested in this branch of the industry at $1,000,000,000. There are in service at the present time about 500,000 arc lights and over 20,000,000 incandescent lamps. In Greater New York alone there are thirty-five electric-light stations, generating current for 1,000,000 incandescent lamps, 30,000 arc lights and about 25,000 horse-power of small motors for various purposes. It is believed that the capital invested in isolated electric-lighting plants in Greater New York approximates $25,000,000.

ELECTRIC POWER.

The principal development of the year in the electric power branch of the industry was the change in the attitude of machine-tool builders toward the use of direct connected electric motors for driving tools. Formerly builders of tools were opposed to the use of motors, as involving extraordinary expense and, to a certain extent, doubtful operation. But the evident advantages of such a combination appealed to purchasers. The electrical manufacturing companies overcame such defects as existed, and machine-tool builders are now clamoring for motors to attach to their product. Several electrical manufacturing companies have entirely done away with belting, and are operating their entire plants by electric motors.

The new first-class battle-ships Kearsarge and Kentucky are completely equipped electrically, and all their auxiliary apparatus is driven by electric motors.

The plants of both the Niagara Falls Power Company and the Niagara Falls Hydraulic and Power Manufacturing Company were materially increased during the year. The vicinity of Niagara Falls and Buffalo, N. Y., is now supplied by electric current for power purposes almost exclusively.

ELECTRIC TRANSMISSION.

This field of electric development experienced a healthy growth during the year, chiefly in the increase in the number of plants generating electric current by water power and transmitting it to distant points for use. One plant in California generates current in this manner, and transmits it a distance of eighty-three miles for local service. The high prices for copper during the year enabled the manufacturers of aluminum wire and cable to place their product in competition with copper, and several plants are now using aluminum transmission lines with satisfactory results.

ELECTRIC TRACTION.

Properly included under this head is the wonderful progress made during 1899 in the development of the electromobile, or horseless carriage, propelled by electricity supplied by storage batteries. These vehicles are rapidly coming into use and their first cost is gradually being cheapened. Public electromobile service is now an established institution in New York and also in Boston, as well as several other cities in a smaller degree. Physicians especially have found that even at the present high prices for electromobiles their cost of maintenance compares favorably with that of vehicles drawn by horses. The Automobile Club of America, which includes in its membership a large number of owners of electromobiles, was formed toward the close of the year and promises to do a great deal for the development of this class of transportation, as well as giving valuable assistance to the "good-roads" movement. It has been pretty thoroughly demonstrated that the electromobile is the most economical and available type of horseless vehicle for use on city streets, but at the present time, when it is difficult to have the requisite storage batteries recharged outside of cities and towns, the steam-propelled vehicle seems to be the best adapted for interurban or touring use.

During the year the Third Avenue Railroad Company, of New York, changed over its entire system from cable traction to the underground conduit electric system. The engineering problems involved were of the most intricate and complicated character. Service was interrupted for but a few hours, and then only after the period of heavy traffic had passed. In fact, several sections of the company's road were transposed almost instantly from cable to electric traction. If present plans are carried out in the time now expected it will be but a short while before every street railway in the city of New York will be completely electrically equipped on the underground conduit system.

The street railway service of the United States is now performed almost entirely by electric traction. It is estimated that the capital liabilities of the street railways of the country at the close of the year were in the vicinity of $1,700,000,000. There are about 950 electric railways in the United States.

Help in Case of Accidents.

Drowning. 1. Loosen clothing, if any. **2.** Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. **3.** Pull tongue forward, using handkerchief, or pin with string, if necessary. **4.** Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. **5.** Apply warmth and friction to extremities. **6.** By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. **7.** DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. **8.** When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head. Keep head in elevated position.

Mad Dog or Snake Bite. Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, as whiskey, brandy, etc.

Stings of Venomous Insects, etc. Apply weak ammonia, oil, salt water, or iodine.

Fainting. Place flat on back; allow fresh air, and sprinkle with water. Place head lower than rest of body.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up. Place fingers in front of a strong light. If alive, they will appear red; if dead, black or dark. If a person is dead decomposition is almost sure to set in after 72 hours have elapsed. If it does not, then there is room for investigation by the physician.

Cinders in the Eye. Roll soft paper up like a lamplighter, and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

Fire in One's Clothing. *Don't run*—especially not downstairs or out-of-doors. Roll on carpet or wrap in woollen rug or blanket. Keep the head down, so as not to inhale flame.

Fire from Kerosene. *Don't use water*, it will spread the flames. Dirt, sand, or flour is the best extinguisher, or smother with woollen rug, table-cloth, or carpet.

Suffocation from Inhaling Illuminating Gas. Get into the fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water at frequent intervals; also, two to four drops tincture of nux vomica every hour or two for five or six hours.

Antidotes for Poisons.

First. Send for a physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger. **Drink hot water or** strong mustard and water. Swallow sweet oil or whites of eggs.

Acids are antidotes for alkalies, and vice versa.

SPECIAL POISONS AND ANTIDOTES.

Acids, muriatic, oxalic, acetic, sulphuric (oil of vitriol), **nitric** (aqua-fortis). *Soap-suds, magnesia, lime-water.*

Prussic acid. *Ammonia in water. Dash water in face.*

Carbolic acid. *Flour and water, mucilaginous drinks.*

Alkalies. Such as potash, lye, hartshorn, ammonia. *Vinegar or lemon juice in water.*

Arsenic, rat poison, paris green. *Milk, raw eggs, sweet oil, lime-water, flour and water.*

Bug poison, lead, saltpetre, corrosive sublimate, sugar of lead, blue vitriol. *Whites of eggs or milk in large doses.*

Chloroform, chloral, ether. *Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.* No chemical antidote.

Carbonate of soda, copperas, cobalt. *Soap-suds and mucilaginous drinks.*

Iodine, antimony, tartar emetic. *Starch and water. Astringent infusions. Strong tea, tannin.*

Mercury and its salts. *Whites of eggs, milk, mucilages.*

Nitrate of silver, lunar caustic. *Salt and water.*

Opium, morphine, laudanum, paregoric, soothing powders, or syrups. *Strong coffee, hot bath. Keep awake and moving at any cost.*

Strychnine, tincture of nux vomica. *Mustard and water, sulphate of zinc. Absolute quiet. Plug the ears.*

Rules in Case of Fire.

CRAWL on the floor. The clearest air is the lowest in the room. Cover head with woollen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

Ex-Chief Hugh Bonner, of the New York Fire Department, gives the following rules applying to houses, flats, hotels, etc.:

Familiarize yourself with the location of hall windows and natural escapes. Learn the location of exits to roofs of adjoining buildings. Learn the position of all stairways, particularly the top landing and scuttle to the roof. Should you hear cry of "fire," and columns of smoke fill the rooms, above all KEEP COOL. Keep the doors of rooms shut. Open windows from the top. Wet a towel, stuff it in the mouth, breathe through it instead of nose, so as not to inhale smoke. Stand at window and get benefit of outside air. If room fills with smoke keep close to floor and crawl along by the wall to the window.

Do not jump unless the blaze behind is scorching you. Do not even then if the firemen with scaling ladders are coming up the building or are near. Never go to the roof, unless as last resort and you know there is escape from it to adjoining buildings. In big buildings fire always goes to the top. Do not jump through flame within a building without first covering the head with a blanket or heavy clothing and gauging the distance. Don't get excited; try to recall the means of exit, and if any firemen are in sight DON'T JUMP.

If the doors of each apartment, especially in the lower part of the house, were closed every night before the occupants retired there would not be such a rapid spread of flames.

Marriage and Divorce Laws.

(Revised to December 1, 1899.)

Marriage Licenses.—Required in all the States and Territories except New Mexico, New Jersey, New York, North Dakota, Oklahoma, and South Carolina; required in the District of Columbia.

Marriage, Prohibition of.—Marriages between whites and persons of negro descent are prohibited and punishable in Alabama, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Idaho, Indiana, Kentucky, Maryland, Mississippi, Missouri, Nebraska, Nevada, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Virginia, and West Virginia; but are "valid and effectual in law for all purposes" in Michigan.

Marriages between whites and Indians are void in Arizona, Nevada, North Carolina, Oregon, and South Carolina.

Marriages between whites and Chinese are void in Arizona, Nevada, Oregon, and Utah.

Marriage between first cousins is forbidden in Arizona, Arkansas, Illinois, Indiana, Kansas, Missouri, Montana, Nevada, New Hampshire, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Washington, and Wyoming, and in some of them is declared incestuous and void, and marriage with step-relatives is forbidden in all the States except California, Colorado, Florida, Georgia, Idaho, Louisiana, Minnesota, Nebraska, New Mexico, New York, North Carolina, Oregon, Utah, and Wisconsin.

Connecticut prohibits the marriage of an epileptic, imbecile, or feeble-minded woman under 45 years of age, or cohabitation by any male of this description with a woman under 45 years of age.

Marriage, Age to Contract, Without Consent of Parents.—In all the States which have laws on this subject 21 years is the age for males; and for females 21 years in Connecticut, Florida, Illinois, Kentucky, Louisiana, Ohio, Pennsylvania, Rhode Island, South Dakota, Virginia, West Virginia, and Wyoming, and 18 in all the other States having laws, except Maryland, in which it is 16 years.

Marriages, Voidable.—Marriages are voidable in nearly all the States when contracted under the age of consent to cohabit.

Divorce, Previous Residence Required.—*Six months* in Idaho, Nebraska, Nevada, South Dakota, Texas, and Wyoming; *one year* in Alabama, Alaska, Arizona, Arkansas, California, Colorado, Georgia, Illinois, Indian Territory, Iowa, Kansas, Kentucky, Maine, Michigan, Minnesota, Mississippi, Missouri, Montana, New Hampshire, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, Utah, Virginia, West Virginia, Washington, and Wisconsin; *two years* in Florida, Indiana, Maryland, North Carolina, Tennessee, and Vermont; *three years* in Connecticut, New Jersey, and Massachusetts (if when married both parties were residents; otherwise five years); no statutory provision in Delaware and Louisiana.

Divorce, Absolute, Causes for.—The violation of the marriage vow is cause for absolute divorce in all the States and Territories, except South Carolina, which has no divorce laws.

Physical incapacity is a cause in all the States except California, Connecticut, Idaho, Iowa, Louisiana, New Mexico, New York, South Carolina, Texas, and Vermont. In most of these States it renders marriage voidable.

Wilful desertion, *six months* in Arizona; *one year* in Arkansas, California, Colorado, Florida, Idaho, Kansas, Kentucky, Minnesota, Missouri, Montana, Nevada, North Carolina, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Wisconsin, Washington, and Wyoming; *two years* in Alabama, District of Columbia, Illinois, Indiana, Iowa, Michigan, Mississippi, Nebraska, New Jersey, Pennsylvania, and Tennessee; *three years* in Connecticut, Delaware, Georgia, Maine, Maryland, Massachusetts, New Hampshire, Ohio, Texas, Vermont, and West Virginia; *five years* in Louisiana, Virginia, and Rhode Island, though the court may in the latter State decree a divorce for a shorter period. Both parties living apart without cohabitation, five years, in Kentucky; ten years, Rhode Island.

Habitual drunkenness, in all the States and Territories, except Illinois, Maryland, New Jersey, New York, Pennsylvania, South Carolina, South Dakota, Texas, Vermont, and Virginia. "Intoxication from the use of intoxicating liquors, opium, or other drugs," in Maine.

"Imprisonment for felony," or "conviction for felony," in all the States and Territories (with limitations), except Florida, Maryland, New Jersey, New Mexico, New York, and South Carolina.

"Cruel and abusive treatment," "intolerable cruelty," "extreme cruelty," "repeated cruelty," or "inhuman treatment," in all the States, except Maryland, Michigan, New York, South Carolina, Tennessee, Virginia, and West Virginia.

Failure by the husband to provide, six months in Arizona; one year in California, Colorado, Idaho, Nevada, and Wyoming; two years in Indiana, three years in Delaware; no time specified in Maine, Massachusetts, Michigan, Nebraska, New Mexico, Rhode Island, Utah, Vermont, Washington, and Wisconsin.

Fraud and fraudulent contract, in Connecticut, Delaware, Georgia, Kansas, Kentucky, Ohio, Pennsylvania, Vermont, and Washington.

Absence without being heard from, three years in New Hampshire and Ohio; seven years in Connecticut and Vermont; voluntary separation, five years, in Wisconsin. When reasonably presumed dead by the court, in Rhode Island.

"Ungovernable temper," in Kentucky; "habitual indulgence in violent and ungovernable temper," in Florida; "cruel treatment outrages, or excesses as to render their living together insupportable," in Arkansas, Kentucky Louisiana Missouri, Tennessee, and Texas; "indignities as render life burdensome," in Missouri, Oregon, Pennsylvania, Tennessee, Washington, and Wyoming. Attempt to murder the other party, in Illinois, Louisiana, and Tennessee.

Insanity or idiocy at time of marriage, in Arkansas, Colorado, District of Columbia, Georgia, Iowa, and Mississippi; insanity lasting ten years, in Washington; incurable insanity and two years' confinement in an asylum in North Dakota: insanity and six years' confinement in an asylum, on six years' residence in Idaho.

Other causes in different States are as follows: "Husband notoriously immoral before marriage, unknown to wife," in West Virginia, "fugitive from justice," in Virginia; "gross misbehavior or wickedness," in Rhode Island; "any gross neglect of duty," in Kansas and Ohio; "refusal of wife to remove into the State," Tennessee; "mental incapacity at time of marriage," in Georgia; "three years with any religious society that believes the marriage relation unlawful," in Massachusetts; "joining any religious sect that believes marriage unlawful, and refusing to cohabit six months," in New Hampshire; "parties cannot live in peace and union," in Utah; "vagrancy of the husband," in Missouri and Wyoming; "refusal of wife to cohabit for twelve months," in North Carolina, "excesses," in Texas; "where wife by cruel and barbarous treatment renders condition of husband intolerable," in Pennsylvania.

In Georgia an absolute divorce is granted only after the concurrent verdict of two juries, at different terms of the court. In New York absolute divorce is granted for but one cause, adultery.

Collusion and connivance bar a divorce, also any condonation of a violation of the marriage vow.

Statistics of Crime and Pauperism.

(Compiled from United States Census Bulletin, 352.)

Elements.	Prisoners in the U. S. in 1890, with Nativity and Parentage.			Paupers* in the U. S. in 1890, with Nativity and Parentage.		
	Aggregate.	Men.	Women.	Aggregate.	Men.	Women.
The United States	82,329	75,924	6,405	73.045	40,741	32,304
White	57,310	52,894	4,416	66,578	37,387	29,191
Native	40,471	38,156	2,315	36,656	19,375	17,281
Both parents native	21,037	20,101	936	21.519	11,123	10,396
One parent foreign	2,881	2,729	152	949	538	411
Both parents foreign	12,601	11,766	835	3 580	2,176	1,404
One or both parents unknown	3,952	3,560	392	10,608	5,538	5,070
Foreign born	15,932	13,869	2,063	27,648	16,938	10,710
Birthplace unknown	907	869	38	2 274	1,074	1,200
Colored	25,019	23,030	1,989	6,467	3,354	3,113
Negroes	24,277	22,305	1,972	6,418	3,326	3,092
Chinese	407	406	1	13	12	1
Japanese	13	12	1	....	....	....
Indians	322	307	15	36	16	20

*Statistics of pauperism apply only to inmates of almshouses. Outdoor paupers are not considered and there is no way of ascertaining their number in the United States, but it is comparatively small compared with that of European countries.

Of the 114,620 parents of the white prisoners 45,732 were native, 60,153 were foreign born, and the birthplaces of 8,735 were reported as unknown. Omitting the unknown, the percentage of prisoners of the native element was 43.19 and of the foreign element 56.81.

As to nationalities of the 60,153 foreign parents of American prisoners 29,184 were Irish, 9,987 German, 5,997 English, 4.064 English Canadian, 1,996 Scotch, 1,483 Mexican, 1,209 Italian, and 1,036 French. Other nationalities were below 1,000.

Of the 133,156 parents of the white paupers 45,215 were native, 63,587 were foreign born, and 24,354 unknown as to birthplace. Omitting the unknown, as in the case of prisoners, 41.56 per cent of the paupers were of native and 58.44 per cent of foreign extraction.

As to nationalities of 63,587 foreign parents of American paupers 32,421 were Irish, 15,629 German, 4,688 English, 2,012 English Canadians, 1,392 Scotch, and 1,368 Swedish. Other nationalities were below 1,000.

PAUPERISM IN FOREIGN COUNTRIES.

1890. Registered public paupers in England and Wales, 780,451; Ireland, 107,129; France, 290,000; Germany, 320,000; Russia, 350.000; Austria. 290.000; Italy, 270,000.

HOMICIDE IN THE UNITED STATES.

The census bulletin presenting statistics of homicide in the United States in 1890 was prepared by Frederick H. Wines, special agent on pauperism and crime. The following is the summing up of the results of his investigations:

Of 82,329 prisoners in the United States June 1, 1890, the number charged with homicide was 7,386, or 8.97 per cent.

Omitting 35 who were charged with double crimes, 6,958 of them (or 94.65 per cent) were men, and 393 (or 5.35 per cent) were women.

As to color, 4,425 were white, 2,739 negroes, 94 Chinese, 1 Japanese, and 92 Indians.

As to the nativity of the 4,425 whites, 3,157 were born in the United States, 1,213 were foreign born, and the birthplace of 55 is unknown.

A careful and accurate inquiry into the parentage of those born in the United States results in the mathematical conclusion that 56.14 per cent of homicides committed by white men and women is chargeable to the native white element of the population, and 43.86 per cent to the foreign element. On the same scale of 4,614 to 3,605, the negro contribution to homicide is represented by 5,478.

The percentage of those who can both read and write is 61.73; of those who can read only, 4.84; of those who can do neither, 33.43. Of the negroes, more than one-half can neither read nor write; of the Indians, nearly two-thirds. The percentage of illiteracy among the foreign born is nearly or quite three times as great as that among the native whites.

The number who have received a higher education is 253, or 3.44 per cent.

The number employed at the time of their arrest was 5,659; unemployed, 1,225; unknown, 467.

The habits of 973, in respect of use of intoxicating liquors, are not stated. The remaining 6,378 are classed as follows: Total abstainers, 1,282; occasional or moderate drinkers, 3,829; drunkards, 1,267.

As to their physical condition, 6,149 were in good health, 600 ill, 283 insane, 24 blind, 14 deaf and dumb, 18 idiots, and 263 crippled.

According to the Chicago *Tribune* there were 7,840 homicides in 1898, as against 9,520 in 1897, and 10,652 in 1896.

CAPITAL PUNISHMENT.

The States in which the death penalty is forbidden by law are Colorado, Rhode Island, Maine, Michigan, and Wisconsin. It was abolished in Iowa, but afterward restored. In Rhode Island the only alternative is imprisonment for life. In Kansas the signature of the Governor is necessary to an execution. The death penalty is inflicted in all the States for murder, except the five above named; and in addition, in Louisiana, for rape, assault with intent to kill, administering poison, arson, and burglary; in Delaware and North Carolina, for rape, arson, and burglary; in Alabama, for rape, arson, robbery, treason, immoral relations with female under ten years of age, or married woman by falsely personating her husband; in Georgia, for rape, mayhem, and arson; in Missouri, for perjury and rape; in Virginia, West Virginia, South Carolina, and Mississippi, for rape and arson; in Florida, Kentucky, Tennessee, Texas, and Arkansas, for rape; in Montana, for arson of dwelling by night; in Maryland, for any variety of arson. In some of these instances the court may, in its discretion, substitute imprisonment. States in which the judge may substitute life imprisonment for the death penalty on the recommendation of the jury are: Alabama, Arizona, California, South Dakota, Georgia, Illinois, Indiana, Iowa, Kentucky, Mississippi, Nebraska, Ohio, Oklahoma, and South Carolina, and those in which a like discretion is given to the trial court are: Minnesota, New Mexico, North Dakota, and Texas. In Utah the court may exercise the discretion if the jury so recommends. In New York and Ohio the death penalty is now inflicted by the means of electricity.

Suicides.

In European cities the number of suicides per 100,000 inhabitants is as follows: Paris, 42; Lyons, 29; St. Petersburg, 7; Moscow, 11; Berlin, 36; Vienna, 28; London, 23; Rome, 8; Milan, 6; Madrid, 3; Genoa, 31; Brussels, 15; Amsterdam, 14; Lisbon, 2; Christiania, 25; Stockholm, 27, Constantinople, 12; Geneva, 11; Dresden, 51. Madrid and Lisbon show the lowest, Dresden the highest figure.

The average annual suicide rate in countries of the world per 100,000 persons living is given by Barker as follows: Saxony, 31.1; Denmark, 25.8; Schleswig-Holstein, 24.0; Austria, 21.2; Switzerland, 20.2; France, 15.7; German Empire, 14.3; Hanover, 14.0; Queensland, 13.5; Prussia, 13.3; Victoria, 11.5; New South Wales, 9.3; Bavaria, 9.1; New Zealand, 9.0, South Australia, 8.9; Sweden, 8.1; Norway, 7.5; Belgium, 6.9; England and Wales, 6 9; Tasmania, 5.3; Hungary, 5.2; Scotland, 4.0; Italy, 3.7; Netherlands, 3.6; United States, 3.5; Russia, 2.9; Ireland, 1.7; Spain, 1.4.

The causes of suicide in European countries are reported as follows: Of 100 suicides: Madness, delirium, 18 per cent; alcoholism, 11; vice, crime, 19; different diseases, 2; moral sufferings, 6, family matters, 4; poverty, want, 4; loss of intellect, 14; consequence of crimes, 3; unknown reasons, 19.

The number of suicides in the United States, six years, 1882-87, was 8,226. Insanity was the principal cause, shooting the favorite method; 5,386 acts of suicide were committed in the day, and 2,419 in the night. Summer was the favorite season, June the favorite month, and the 11th the favorite day of the month. The month in which the largest number of suicides occur is July.

The number of suicides in 45 United States cities in the decade 1889-1898 was 16,409. In the principal cities the number was: New York, 3 319; Chicago, 2.937, Brooklyn, 1.359; St. Louis, 1,269; Philadelphia, 1,165; Boston, 693. The highest rate per 100 000 of population was St. Louis, 25.6, and the lowest Holyoke, Mass., 3.3. These figures are by Frederick L. Hoffman, in the New York *Spectator* for June 15, 1899.

Lynchings, Legal Executions, and Embezzlements.

Lynchings.—1891, 192; 1892, 235; 1893, 200, 1894, 190; 1895 171; 1896, 131; 1897, 166; 1898, 127 Total. 1.412

The lynchings in 1898 were distributed as follows: Arkansas, 17; South Carolina, 14; Georgia, 12; Missouri, 6, Kentucky, 6; Louisiana, 6; Texas, 3; Maryland, 2; Oklahoma, 1; Washington, 1; Wyoming, 3; Illinois, 1; Indiana, 1; Mississippi, 15; Indian Territory, 3; New Mexico, 1; Alabama, 12; North Carolina, 4; Tennessee, 6; Virginia, 4; West Virginia, 1; Florida 1; Alaska, 1; Kansas, 1; Montana, 1. Of the total number 102 were negroes, 23 whites, and 2 Indians. Up to September 11 there were 92 persons lynched in the United States in 1899.

Legal Executions.—The number of legal executions in 1898 was 109, as compared with 128 in 1897, 122 in 1896, 132 in 1895, 132 in 1894, 126 in 1893, and 107 in 1892 The legal executions in 1898 were distributed as follows: Louisiana, 10; Arkansas, 6; Alabama 3; Mississippi, 6, Tennessee, 2, Missouri 5, Florida, 1; Maryland, 1; Massachusetts, 3; Oregon, 2; Minnesota, 2; Connecticut, 1; Ohio, 2; Georgia, 8; Virginia, 8, South Carolina, 4; Texas, 10; North Carolina, 2; Indian Territory, 2; Kentucky, 3; California, 10, New York, 3; Illinois, 6; Washington, 1; Pennsylvania, 7; New Jersey, 1 There were 72 hanged in the South and 37 in the North, of whom 60 were whites, 48 blacks, and 1 Chinese. The crimes for which they were executed were murder, 100 and assault, 9

Embezzlements.—The record of embezzling, forgery, defaulting, and bank-wreckage for 1898 showed a material decrease, being but $5,851 263, as compared with $11 248,084 in 1897, and being much the smallest total since 1888. Of the total number of cases reported, nine persons stole over $50,000 each, nine over $100,000 each, one over $200,000, one over $300,000, one over $400,000, and two over $500,000 each. Stolen by city and county officials, $976,846; from banks $2,901,891; by agents, $510,595; forgeries, $324 200; from loan associations, $349,800; by postmasters, $21,143; miscellaneous stealings, $1,066,788.

These statistics were compiled by the Chicago *Tribune*.

The Defective Classes.

The Insane.—The total number of insane in the United States on June 1, 1890 (census of the United States), was 106,485—whites, 99 719; negroes, 6.535; Chinese, Japanese, and civilized Indians, 231. The number of insane males was 53,473, and of insane females 53,012. The total number of insane reported in 1880 was 91,959. The number of insane in each 100,000 of the population in 1890 was 387.0 for the foreign whites, 140.5 for the native whites and 88.6 for the colored. In 1880 the corresponding figures were 398.8, 161.9, and 91.2.

The proportion of insanity was much greater among the whites than among the negroes, and very much greater among the foreign born than among the native born.

The number of insane in asylums in 1890 was 74,028—whites, 69,729; negroes, 4,299. The number of insane in asylums in each 1,000 of insane was: Whites, 699; negroes, 658.

The number of insane admitted to public institutions from 1881 to 1889 inclusive, was 190,458. The number admitted to private institutions in the same period, 13,833.

Reports from thirty States to the Committee on States of the National Conference of Charities and Correction showed 102,000 insane persons in 1896. At this rate the whole United States would have 145,000 insane.

The Feeble Minded.—The total number of feeble minded in the United States on June 1, 1890, was 95,609—whites, 84,997; negroes, 10,574; males, 52,962; females, 42,647; native-born whites, 75,910; foreign-born whites, 9,087.

The Deaf and Dumb.—The total number of deaf mutes in the United States on June 1, 1890, was 40,592—whites, 37,447; negroes, 3,115; others 30; males 22 429; females, 18,163; native-born whites, 33,278; foreign-born whites, 4,169.

The number of persons so deaf as to be unable to hear loud conversation on June 1, 1890, was 121,178, of whom 80,611 were able to speak. The latter were 49,278 males, 31,338 females, 77,308 whites, 3,308 negroes.

The Blind.—The total number of blind in the United States on June 1, 1890, was 50,568—whites, 43,351; negroes, 7,060; others, 157; males, 28,080; females, 22,488, native-born whites, 34,205; foreign-born whites, 9,146. The number of blind in one eye only was 93,988.

The number of insane persons in Great Britain and Ireland in 1895, according to Mulhall, was 123,396, or 3,160 per million population; Austria (1890), 102,080; Hungary (1890), 65 545. The number of insane in Germany in 1884 was 108,100; France, 93,900; Russia, 80 000.

Prisoners' Commutation Table.

THE following table shows the time subtracted for uniformly good conduct from the terms to which prisoners are sentenced under the regulations in force in the State prisons of New York:

Sentence.	Commutation.			Remaining Short Term.			Sentence.	Commutation.			Remaining Short Term.		
	Years.	Months.	Days.	Years.	Months.	Days.		Years.	Months.	Days.	Years.	Months.	Days.
Years.							Years.						
1	..	2	..	..	10	..	11	3	11	..	7	1	..
1½	..	3	..	1	3	..	11½	4	1	15	7	4	15
2	..	4	..	1	8	..	12	4	4	..	7	8	..
2½	..	6	..	2	..	..	12½	4	6	15	7	11	15
3	..	8	..	2	4	..	13	4	9	..	8	3	..
3½	..	10	..	2	8	..	13½	4	11	15	8	6	15
4	1	..	..	3	..	..	14	5	2	..	8	10	..
4½	1	2	15	3	3	15	14½	5	4	15	9	1	15
5	1	5	..	3	7	..	15	5	7	..	9	5	..
5½	1	7	15	3	10	15	15½	5	9	15	9	8	15
6	1	10	..	4	2	..	16	6	..	..	10	..	..
6½	2	..	15	4	5	15	16½	6	2	15	10	3	15
7	2	3	..	4	9	..	17	6	5	..	10	7	..
7½	2	5	15	5	..	15	17½	6	7	15	10	10	15
8	2	8	..	5	4	..	18	6	10	..	11	2	..
8½	2	10	15	5	7	15	18½	7	..	15	11	5	15
9	3	1	..	5	11	..	19	7	3	..	11	9	..
9½	3	3	15	6	2	15	19½	7	5	15	12	..	15
10	3	6	..	6	6	..	20	7	8	..	12	4	..
10½	3	8	15	6	9	15	30	11	10	..	18	2	..

Birth Rate in European Countries.

BIRTHS PER 1,000 INHABITANTS.

Countries.	1865.	1885.	1896.	Countries.	1865.	1885.	1896.	Countries.	1865.	1885.	1896
Austria	37.7	38.3	39.0	France	26.3	24.7	22.7	Norway	31.7	30.9	30 0
Bavaria	36.9	38.7	.....	Hungary	40.6	45.0	41.1	Prussia	39.1	37.2	37 3
Belgium	31.4	31.0	29.0	Italy	38.3	37.8	35.1	Sweden	26.2	39.4	27 5
England	35.4	33.3	29.9	Netherlands	35.9	34.8	32.0	Switzerland	31.7	28.2	30.7

The statistics for 1865 are from M. de Foville's work, "France Economique." Those for 1885 and 1896 from Mulhall. The most important fact to be learned from them is the steady decrease of the birth rate in most European nations.

In "Statistique Humaine de la France," M. J. Bertillon presents the following table, showing that the French are the least prolific and the Germans the most prolific people of Europe:

Number of children born alive annually per 1,000 women of 15 to 50 years: France, 102; Ireland, 114; Belgium, 127; England, 136; Netherlands, 137; Spain, 141; Prussia, 150; Bavaria, 156.

The most productive age for mothers is 15 to 24, for fathers from 23 to 31. Of 100 mothers, 48 of the said age will have children yearly; of 100 fathers, only 34. The reproductive age of men may be said to cease at 60, although at 65 the chance of paternity is 3 in 1,000, at 69 is 2 in 1,000.—*Mulhall.*

The birth rate per 1,000 inhabitants in the United States, in 1890, was estimated by Dr. Billings, of the Census Office, as about 31.5.

As to the decreasing birth rate, Dr. Billings says: "It is probable that the most important factor in the change is the deliberate and voluntary avoidance or prevention of child bearing on the part of a steadily increasing number of married people, who not only prefer to have but few children, but know how to obtain their wish." Dr. Cyrus M. Edson agrees with Dr. Billings as to the fact of the deliberate avoidance of child bearing, but thinks that the principal cause is the physical and nervous deterioration of the women of the United States, and this, he asserts, is largely due to the severe strain of modern life and education.

BARRENNESS.—One woman in 20 and one man in 30 are barren—that is, 4 per cent of population. It is found that one marriage in 20 is barren, say 5 per cent. Among the nobility of England 21 per cent have no children, owing to intermarriage of cousins, no less than 4½ per cent of the present nobility being married to cousins.—*Mulhall.*

Dr. S. D. Van Meter, of Denver, doubts the accuracy of the theory that consanguinity in marriage is a cause of barrenness, and attributes it to a physical cause.

CHILDBIRTH, DEATHS IN.—The average for 20 years in England and Wales has been 32 per 10,000 births—that is, 1½ per cent of all mothers die sooner or later in childbirth.—*Mulhall.*

ILLEGITIMACY.—The number of illegitimate births per 10,000 women in 1896 was: England, 50; Scotland, 87; Ireland, 24; France, 79; Germany, 75; Austria, 239; Hungary, 151; Italy, 98; Switzerland, 53; Sweden, 125; Norway, 92; Denmark, 133; Netherlands, 42; Belgium, 111.—*Mulhall.*

American Public Health Association.

OFFICERS elected at the annual meeting at Minneapolis, in 1899: *President*, Dr. Peter H. Bryce, Toronto, Ontario; *First Vice-President*, Dr. H. M. Bracken, Minneapolis, Minn.; *Second Vice-President*, Dr. Juan Breña, Zacatecas, Mexico; *Treasurer*, Dr. Henry D. Holton, Brattleboro, Vt.; *Secretary*, Dr. C. O. Probst, Columbus, O.

Mortality Statistics.

DEATHS IN THE UNITED STATES IN THE CENSUS YEAR 1889-90.
(Prepared for The World Almanac by the Census Office.)

States and Territories.	Total Deaths.	White.*		Colored.	Under Five Years of Age	
		Native Born.	Foreign Born.		White.	Colored.
Alabama ..	20,898	9,215	320	10,591	3,880	3,847
Arizona ...	573	301	169	30	130	3
Arkansas..	14,391	10,089	274	3,627	3,874	1,168
California .	17,703	10,605	5,286	1,281	4,234	119
Colorado ..	5,453	3,929	921	86	1,875	32
Conne'tic't	14,470	10,733	3,182	309	4,188	106
Delaware .	3,107	2,066	241	695	805	282
D. of Col.	5,955	2,512	522	2,893	1,054	1,437
Florida . ..	4,145	2,108	176	1,806	726	642
Georgia....	21,174	9,356	269	10,971	3,667	4,321
Idaho.....	711	522	105	34	246	2
Illinois	53,123	39,336	11,650	1,031	20,795	340
Indiana ...	24,180	20,505	2,185	862	7,317	298
Iowa	17,521	13,281	3,221	162	5,187	54
Kansas	12,018	9,593	1,621	701	4,278	248
Kentucky .	23,877	17,446	1,177	4,479	6,789	1,572
Louisiana .	16,354	6,953	1,494	7,716	3,094	2,522
Maine	10,044	8,590	1,164	34	1,835	8
Maryland .	18,000	11,279	2,012	4,421	5,346	1,981
Mas'chu'ts	45,112	32,747	11,327	630	15,109	237
Michigan .	25,016	18,117	5,742	412	8,267	127
Minnesota.	15,488	10,389	4,775	98	6,375	35
Mississippi	14,899	5,834	177	8,560	2,095	2,896
Missouri ...	32,435	24,499	4,005	2,794	11,390	1,105
Montana .	1,012	625	272	26	258	6
Nebraska .	8,445	6,591	1,451	91	3,570	33

States and Territories.	Total Deaths.	White.*		Colored.	Under Five Years of Age.	
		Native Born.	Foreign Born.		White.	Colored.
Nevada. ..	434	217	181	20	69	3
N. Hamp..	7,074	5,704	849	17	1,809	3
N. Jersey.	30,344	22,227	6,330	1,344	11,829	642
N. Mexico	2,522	2,234	167	29	1,014	4
New York	123,117	85,592	33,148	1,903	43,580	715
N. Carolina	18,420	10,886	69	7,234	4,021	2,680
N. Dakota.	1,716	1,067	593	4	763	1
Ohio	49,844	38,494	8,151	2,000	15,395	655
Oklahoma.	352	302	15	20	133	6
Oregon	2,575	1,959	386	38	636	5
Penn'va'ia	73,530	56,401	12,648	2,383	24,824	932
Rhode Is'd	7,559	5,344	1,939	24	2,627	73
S. Carolina	15,495	4,730	178	10,448	1,767	3,786
S. Dakota.	2,705	1,869	733	11	1,001	3
Tennessee.	23,854	15,229	428	7,573	5,363	2,754
Texas.....	26,478	18,056	1,841	5,190	7,942	1,938
Utah	2,118	1,488	574	11	837	2
Vermont ..	5,425	4,556	575	13	1,154	3
Virginia. ..	23,232	11,600	400	10,819	3,937	3,999
Wash'gt'n	2,695	1,750	512	65	834	14
West Va.	8,275	7,223	328	519	2,724	178
Wisconsin.	18,662	11,508	6,493	101	6,014	24
Wyoming.	414	258	95	7	127	....
Totals ...	†872,944	596,055	140,075	114,313	264,784	41,911

* Including birthplace unknown; total number, 22,501. † Exclusive of Indians on reservations.

CAUSES OF DEATHS IN THE UNITED STATES IN THE CENSUS YEAR 1889-90.

Causes.	Total Deaths.	Causes.	Total Deaths.
Scarlet Fever	5,969	Diarrhœal Fever	74,711
Measles	2,256	Cancer and Tumor	30,984
Whooping Cough	8,432	Consumption	102,199
Diphtheria and Croup	41,677	Pneumonia	76,496
Enteric Fever	27,058	Child Birth and Puerperal Diseases	11,257
Malarial Fever	18,594		

CAUSES OF DEATHS IN EUROPEAN COUNTRIES.

APPROXIMATE RATIOS OF VARIOUS DISEASES IN 10,000 DEATHS.

Diseases.	England.	France.	Germany.	Russia.	Italy.	Switzerland.	Belgium.	Netherlands.	Scandinavia.
Apoplexy	270	400	390	210	360	370	310	280	350
Bronchitis	1,150	310	400	1,500	30	600	480	220	620
Cancer	235	....	260	150	160	300	140	180	330
Consumption	1,100	1,120	1,270	1,960	900	1,110	1,820	950	1,020
Diphtheria	55	360	270	210	360	304	280	130	230
Erysipelas	36	48	35	....	50	....	40	....	....
Heart Disease	620	290	230	200	580	385	190	180	220
Measles	184	180	100	80	95	46	165	150	....
Pneumonia	510	720	400	1,150	540	600	450	570	710
Puerperal Fever	49	100	....	70	....	50	....	50	100
Rheumatism	41	35	25	40	....	....	....	....	40
Scarlet Fever	402	20	160	90	10	146	140	40	360
Scrofula	62	130	....	180	30	....	90	140	70
Small-pox	130	80	8	40	60	54	150	100	120
Typhoid Fever	210	720	450	480	240	184	460	460	280
Whooping Cough	250	115	....	....	50	112	280	180	185

The above table is on the authority of Mulhall, as are also the following statements:

Cancer.—Mental worry, says Dr. Herbert Snow, of the Cancer Hospital, is the chief exciting cause of cancer. In 1891-95 the average number of deaths from cancer in England was 21,194. About 60 per cent were females. Goitre.—There are 420,000 goitrous people in France and 2 per cent of conscripts are rejected for this cause. Leprosy.—There are 131,618 lepers in India, 98,982 males and 32,636 females. No other country in the world approaches India in this respect.

Plagues.—There were 196 destructive plagues in Europe from 1500 to 1840, but the most terrible recorded was that commonly known as the Black Death, which came from Persia into Europe in 1346. It was preceded by myriads of locusts, which filled the wells and poisoned the water of the countries east of the Caspian Sea. At Bagdad 500,000 people died in 90 days; at Cairo the mortality reached 10,000 in 24 hours. In Europe it lasted four years, and was supposed to have carried off 24,000,000 persons, more than 30,000 towns and villages being depopulated. So late as 1850 ships were met at sea with all on board dead. Among the cities which suffered were: London, 100,000 deaths; Florence, 100,000; Valencia, 100,000; Venice, 70,000; Naples, 60,000; Paris, 50,000; Genoa and Vienna, 40,000 each.

Synopsis of Game Laws revised to January 1, 1900. *Changes are liable to occur.*

NEW YORK.

Deer.—Open season in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound first two Wednesdays and the first two Fridays in November, elsewhere from August 15 to November 15; but absolutely prohibited in Ulster, Greene, Delaware, and Sullivan Counties prior to August 15, 1901. (Venison lawfully killed may be possessed till November 15. If possessed from November 15 to 20, possessor or seller must prove that the killing was done within the lawful periods or out of the State.) Taking deer alive for breeding in State parks permitted at any time anywhere. Only two can be killed or taken alive by anybody each season. Fawns must never be killed or caught. No traps, salt licks, or other devices shall be made or used. No jacklight or any other artificial light shall be used prior to June, 1902. Dogs must not be used for hounding purposes, nor be permitted to run at large in forests where deer inhabit, by owner or persons having charge of same prior to August 15, 1902. This prohibition as to dogs does not apply to Long Island. Dogs while chasing deer in violation of law may be killed by any person. Hounding deer in Dresden and Putnam, Washington County, before 1907 is forbidden. Only one carcass may be transported from county where killed.

Moose, Elk, Caribou, and Antelope shall not be hunted, killed, possessed, or sold at any time. Meat of same, however, may be possessed or sold in the season of lawful possession.

Beaver.—Must not be caught or killed at any time.

Black and Gray Squirrels shall not be killed, except from Sept. 1 to Dec. 15 inclusive; on Long Island and Long Island Sound, open season from Nov. 1 to Dec. 31 inclusive.

Hares and Rabbits.—Shall not be killed, nor (except in that portion of Long Island which is embraced in the City of New York) shall they be possessed in Long Island and Long Island Sound, except from Nov. 1 to Dec. 31, both inclusive. Use of ferrets is prohibited. In the counties of Livingston, Wyoming, Erie, Sullivan, Oneida, Orange, Schoharie, Montgomery, Fulton and Hamilton, Albany, Greene, Ulster, and Columbia, hares and rabbits shall not be killed except from Sept. 1 to Dec. 15. The owner of any inclosed or occupied farm lands may, of himself or by any member of his household, kill rabbits and English hares on his own premises at any time.

Web-footed Wild Fowl.—Except wild geese and brant. Open season is from September 1 to May 1. Open season in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound (wild geese and brant not excepted) from October 1 to April 30. On the Hudson River south of the Troy dam, boats propelled by hand or a floating device may be used for the purpose of shooting web-footed fowl. Must not be killed or caught in any way save with gun raised at arm's length, and fired from the shoulder without other rest. Boats propelled by hand and floating devices may be used in Long Island Sound, Great South Bay west of Smith's Point, Shinnecock, Gardiner, and Peconic Bays, and sailboats may be used in Long Island Sound, Gardiner and Peconic Bays in pursuit of wild fowl. Hours limited between sunrise and sunset.

Quail.—Open season from November 1 to December 15. Can be sold and possessed from November 1 to December 31, but possession thereof after December 15 is forbidden unless it be proved by the possessor that said birds were killed within the lawful period for killing, or outside the State, and in the counties of Genesee and Montgomery at no time prior to January 1, 1903. These provisions do not apply to Robin's Island or Gardiner's Island.

Partridge or Grouse and Woodcock.—Open season in Long Island and Long Island Sound from Nov 1 to Dec. 31. (Woodcock can be killed from Aug. 1 to Dec 31.) Nor shall either of such birds be possessed, dead or alive, or sold, after Jan. 5. Possession thereof during the first five days of January is forbidden, unless it be proved by the possessor or seller that said birds were killed within the lawful period for killing the same on Long Island. (Open season for woodcock in Richmond County from July 4 to Dec. 31; in Clinton, Essex, Warren, Fulton and Hamilton Counties, Aug. 16 to Dec. 15. In Rensselaer County woodcock and grouse protected to Sept. 1, 1903.) Open season elsewhere from Sept. 1 to Dec. 15; in Oneida County from Sept. 1 to Nov. 15; in Ulster County from Oct. 1 to Dec. 15. Not more than thirty-six of above-named birds to be killed or taken alive by any person in any open season. Cannot be sold or possessed except from Sept. 1 to Dec. 31, but possession or sale thereof after Dec. 15 is forbidden, unless it is proved that the birds were caught or killed in the lawful period or out of the State. This provision does not apply to Long Island. Transportation (not more than twelve at any one time) allowed only when with owner. No partridge or grouse shall be snared, trapped, or netted. Meadow larks must not be killed, or possessed after they are dead, at any time.

English Snipe, Plover, Rail, Bay Snipe, or Shore Bird.—Must not be killed or possessed during May, June, July, and August. Open season in Long Island and Long Island Sound July 1 to Dec. 31. **Meadow Hens.**—Meadow hens, mud hens, gallinule or water chicken, or grebe shall not be killed or possessed from Dec. 31 to Aug. 15 in Long Island and Long Island Sound. **Wild Birds.**—Must never be killed, caught, or possessed, living or dead, nor nests robbed or needlessly destroyed, except English sparrow, crane, hawk, crow, raven, crow-blackbird, common blackbird, or kingfisher.

Mongolian Pheasant.—The killing, exposing for sale, or possession after killing is prohibited. This prohibition does not apply to Suffolk County, where they may be killed from Oct. 1 to Jan. 31.

Bass, Pickerel, and Pike.—Open season for black bass and Oswego bass from June 15 to December 31; in Jefferson County, June 10 to December 31; in Lake George and Schroon Lake, August 1 to December 15; in waters of Thousand Islands, June 10 to December 31; in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound, May 30 to December 31; in Jamaica Bay angling is lawful every day. Pickerel, pike, or wall-eyed pike may be caught and possessed between May 1 and last day of February. Warren County (Lake George).—Fish of any kind must not be taken from East Brook and West Brook tributaries, in town of Caldwell, Harris or Edmund Brook, Indian Brook, and Finkle Brook, in the town of Bolton, at any time prior to year 1903. No person shall fish in any manner in Lake George or Glen Lake or tributaries for any pike-perch or any great northern pike between January 1 and June 15, or bullheads between January 1 and July 1; nor black bass or Oswego bass from any of the waters in the town of Horicon between January 1 and July 10. Perch may be caught by angling in Lake George at any time. Black bass must be ten inches long, not more than twenty-four to be taken by any person in one day, and in waters of Thousand Islands not more than twelve must be caught by a single person in one day.

Salt-water Striped Bass less than eight inches in length shall not be intentionally taken from any of the waters of New York State, nor possessed; nor shall any person fish for or take any striped bass from the Hudson River with a net of any kind between March 31 and July 1.

Muskallonge.—Open season from May 30 to last day of February. In waters of Thousand Islands June 10 to Dec. 31. **Salmon.**—Open season from March 1 to Aug. 15. Must be fifteen inches long.

Salmon Trout and Land-locked Salmon.—Open season from May 1 to September 30, except that in the counties of Dutchess, Ulster, Sullivan, Orange, Rockland, Putnam, Westchester, and Richmond land-locked salmon, otherwise known as ouananiche, shall not be caught, except from April 1 to June 30, both inclusive. In Kings, Queens, Nassau, and Suffolk Counties and Long Island

GAME LAWS—*Continued.*

Sound from April 1 to September 30. Must be fifteen inches long and must not be molested while spawning. Transportation allowed only when with owner.

Trout.—Open season from April 16 to August 31 In Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound from March 29 to August 31. Must be six inches long. Must not be molested while spawning. Transportation allowed only when with owner. Private ponds or streams must not be stocked with trout of any kind taken from the waters of the State.

Shooting on Sunday, fishing within fifty rods of State fisheries and fishways, drawing off water to catch fish, using dynamite, pollution of waters, and stocking of the Adirondack waters with any fish, except of the salmon and trout families prohibited Fishing through the ice in waters inhabited by trout, salmon trout, or land-locked salmon prohibited. This prohibition does not apply to Lake Ontario, Lake Erie, the Hudson and Niagara Rivers, nor Silver Lake in Wyoming County from January 1 to February 15. Salmon, black bass, trout, salmon trout, pike, and perch, caught in nets, in fishing for other fish in the Hudson River must be cast back.

NEW JERSEY.

Hunting on Sunday prohibited.

	Open Season.
Quail or Partridge, Hare Rabbit	Nov. 10 to Jan. 1
Woodcock	During July and Oct. 1 to Dec. 10
Ruffed Grouse (sometimes called partridge or pheasant)	Oct. 1 to Dec 10
Upland Plover or Dove	Aug 1 to Sept. 30
English Snipe	Mar. 1 to Ap. 30. Sept. 1 to Sept 30
Reed & Rail Bird & Marsh Hen	Aug. 25 to Jan. 1
Web-footed Wild Fowl	Sept. 30 to May 1
Squirrels	During Sept. and Nov. 10 to Dec. 10
Brook Trout (not less than six inches in length)	April 1 to July 15
Black and Oswego Bass (must be at least nine inches long)	May 30 to Dec. 1
Pickerel	May 1 to Feb. 20

Deer and Ring-necked Pheasant cannot be taken, killed, or possessed prior to April 1, 1902. (Does not apply to preserves established April 1, 1899.)

CONNECTICUT.

Woodcock, Quail, Ruffed Grouse, Partridge, Gray Squirrel.—Must not be killed between December 1 and October 1. No person shall kill or have in possession more than five ruffed grouse in any one day or thirty-six in any one year. Woodcock, quail, and ruffed grouse, when killed, must not be conveyed beyond the limits of the State.

Deer.—Must not be killed at any time.

Sora, Rail.—Must not be killed in the counties of New Haven, Fairfield, and Litchfield between January 1 and August 20, or in other counties between January 1 and September 1.

Wild Fowl.—Wild duck, goose, or brant must not be killed in May, June, July, and August, or with any other gun than is commonly raised at arm's length and fired from the shoulder. Shooting at wild fowl from any vessel propelled by steam or sails or from any boat or other structure attached thereto is strictly prohibited.

Hare, Rabbit.—Must not be killed between December 15 and October 15. (Use of ferrets on premises of another is forbidden.)

Mongolian or Chinese Pheasants.—Must not be caught or killed prior to October 1, 1900.

Trout.—Brook, brown or rainbow trout must be caught only with hook and line between April 1 and July 1. Brook trout must be at least six inches long. Not more than thirty to be taken in one day.

Black Bass.—Must not be killed between May 1 and July 1. Must be caught with hook and line only. This does not apply to any person taking black bass from any waters owned or leased by him, or to the towns of Canton, Farmington, or West Hill Pond, provided such black bass is not to be sold.

Pickerel and Pike.—Possession of any dead pickerel or wall-eyed pike less than twelve inches long is prohibited.

PENNSYLVANIA.

Hunting and fishing on Sunday unlawful.

	Open Season.
Wild Turkey Pheasant, Grouse, Quail, Partridge, Prairie Chicken	Oct. 15 to Dec. 15
Web-footed Wild Fowl	Sept. 1 to May 1
Plover	July 15 to Jan. 1
Woodcock. During July and	Oct. 15 to Dec. 15
Rail and Reed Birds	Sept. 1 to Dec. 1
Elk and Deer (dogs must not be used)	Nov. 1 to Dec. 1
Squirrels	Oct. 15 to Dec. 15
Hares and Rabbits	Nov. 1 to Dec. 15

It is unlawful at any season of the year to kill any elk, deer, fawn, wild turkey, pheasant, grouse, quail, partridge, or woodcock for the purpose of selling the same.

It is unlawful for any one person to kill in any one day more than ten ruffed grouse, commonly called pheasants, or more than fifteen quail or Virginia partridge, or more than ten woodcock, or more than two wild turkeys, or to kill in any one season more than two deer. Mongolian English, or Chinese pheasant must not be killed or caught at any time prior to 1902.

	Open Season.
Speckled Trout	Apr. 15 to July 15
Lake Trout	Jan. 1 to Sept. 30
Black Bass and Wall-eyed Pike (Susquehanna Salmon)	May 30 to Dec. 31
Green Bass (except in Lake Erie)	June 1 to Jan. 1
Pike and Pickerel	June 1 to Jan. 31
Salmon and Grilse (over 3 lbs.)	Mar. 1 to Aug. 15

In Pike County, open season for salmon or speckled trout, May 1 to August 1; for pike and pickerel, June 1 to February 15.

Delaware River.—No person shall catch or kill, in the Delaware River, any black bass, rock bass, or wall-eyed pike between January 1 and May 30. Must be at least nine inches in length; rock bass five inches in length.

Tioga County.—It is unlawful to catch for the purpose of sale any speckled trout or black bass.

MASSACHUSETTS.

Shooting or fishing on Sunday is prohibited.

	Open Season.
Black Bass (except in Connecticut River and tributaries)	June 1 to Dec. 1
Trout, Lake Trout, and Land-locked Salmon, except in Berkshire, Hampshire, and Franklin Counties	April 1 to Sept. 1
Trout, Lake Trout, and Land-locked Salmon, in Berkshire, Hampshire, and Franklin Counties	April 1 to Aug. 1
Salmon	May 1 to Aug. 1
Grouse, Partridge, or Woodcock	Sept. 15 to Jan. 1
(Must not be transported beyond limits of the State.)	
Quail	Oct. 15 to Jan 1
Duck or Teal	Sept. 1 to Apr. 15
Plover, Snipe, Sandpiper, or Rail	July 15 to May 1
Wild Pigeon, Gull, or Tern	Oct. 1 to May 1
Gray Squirrel, Hare, or Rabbit	Sept. 15 to Mar. 1

Introduced Pheasants.—Taking, killing, or possessing, except for purposes of propagation, is prohibited until 1901.

Deer must not be chased or killed prior to November 1, 1903.

No rabbit, gray squirrel, or chipmunk, or any land bird except the English sparrow, shall be caught or killed on Cape Ann at any time.

Wild birds (unless noted above) must not be taken or killed at any time except English sparrows, crow-blackbirds, crows, jays, birds of prey, wild geese, etc.

Rifle Records of 1899.

(Revised to December 1, 1899.)

SPORTSMEN'S ASS'N TOURNAMENT, MADISON SQUARE GARDEN, N. Y.

MARCH 9-21—Individual Championship Match—Open to all, 100 shots off hand; 25-ring target; distance 100 feet; any 22-calibre rim-fire rifle allowed; shot in strings of ten shots. Competitors shot their ten strings during the tournament as they desired:

F. C. Ross, Brooklyn....	2,425	L. C. Buss, Manhattan...	2,41[illegible]
Louis P. Ittel, Pittsburgh	2,417	Louis Flach, Zettler R. C.	2,409
H. M. Pope, Hartford...	2,413		

Continuous Match—Open to all; off hand; on 25-ring target; distance 100 feet; any 22-calibre rim-fire rifle allowed: possible 150 points:

H. M. Pope.....	149	Gus Zimmerman.....	148
Louis Buss.....	149	Henry Holges.....	147
E. S. Pillard.....	149		

Possible 375 points:

Gus Zimmerman.....	368	Louis Buss.....	364
H. M. Pope.....	367		

Fifty-Shot Record Scores, 200 yards offhand, German ring target:

August 12—Pittsburgh Rifle Club Range, Pittsburgh, Pa.—L. P. Ittel made 1,150 points out of a possible 1,250.

Three-Shot Scores, 200 yards offhand, possible 75 points, German ring target:

September 2—At Zettler Rifle Club Tournament, Greenville Shooting Park, Jersey City, N. J.—Louis Buss, of New York City, made the possible 75 points.

Ten-Shot Score, 200 yards offhand, Standard American target:

September 4—At the Denver Rifle Club's Range, Denver, Col.—D. W. King made 96 out of a possible 100.

September 4—At Strafford County Rifle Association Range, Dover, N. H.—Bert Wentworth made 97, tieing the record to date.

October 14—At Manhattan Rifle and Revolver Association Range, New York City—Dr. W. G. Hudson made 95.

Military Rifle, 10-shot score, 800 yards:

September 4—New Jersey Rifle Association, Fall Meeting (Winchester Match)—Sergeant George H. Doyle, New York, made 48 points out of a possible 50.

September 4-9—New Jersey State Rifle Association, eighth annual meeting, Hilton Trophy Match, 500 and 600 yards. First, New Jersey team, 1,089; second, Georgia team, 1,079; third, District of Columbia team, 1,025. Highest individual score, Dr. W. G. Hudson, of the New Jersey team, 98 out of a possible 105.

Interstate Military Match—200 and 500 yards. First, District of Columbia team, 1,006, second, Georgia team, 1,006; third, New Jersey team, 959; fourth, New Hampshire team, 894. Highest individual score a tie between Private Appleby, of District of Columbia team, and Private C. S. Richmond, of Georgia team; score 89.

President's Match—Individual Military Championship of America—200, 300, 500, 600, 800, and 1,000 yards. First, Lieutenant F. C. Wilson, Georgia, 267; second, Colonel G. T. Cann, Georgia, 259; third, Private C. S. Richmond, Georgia, 249; fourth, Sergeant G. H. Doyle, New York, 248. Possible score, 300 points. Sixteen entries, representing five States.

Wimbledon Cup Match—30 shots, possible 150 points, 1,000 yards; six entries. First, Lieutenant F. C. Wilson, Georgia, 140; second, Private W. G. Hudson, New Jersey, 134; third, Colonel G. T. Cann, Georgia, 113.

Interstate Military Revolver Team Match—25, 50, and 75 yards; United States standard target A; 10 shots at each distance; possible 150 points; five entries. First, First Regiment Cavalry Georgia Volunteers, 432; second, Sixth Battalion District of Columbia National Guard, 424; third, First Troop National Guard New Jersey, 420. Highest individual score was a tie between Sergeant R. P. Constantine, First Georgia Volunteers, and Private Fred. Agens, First Troop National Guard New Jersey, each with 105.

Individual Military Revolver Championship Match—25, 50, and 75 yards; six shots each distance; United States standard target; reduced to 100 yards; possible score 90 points; four entries. First, Lieutenant R. H. Sayre, New York, 75; second, Lieutenant Sumner Paine, Massachusetts, 74; third, Private C. S. Richmond, Georgia, 74.

Ten-Shot Score, 25-ring target, 25 yards, possible 250:

April 1—L. P. Hansen, Jersey City, 250.
October 17—L. Flach, New York City, 250.

100-Shot Score—200 yards, German ring target, offhand:

September 14—At Shell Mound Park, San Francisco, Cal., F. E. Mason made 2,271. His score was made in 10-shot strings, as follows: 218, 231, 222, 225, 229, 229, 232, 227 237, 221.

Muzzle Rest—10-shot score, 200 yards, Standard American rest target:

October 18—At Walnut Hill Range, Massachusetts, Mrs. S. E. Briggs made 119 points, out of a possible 120. (Telescope.)

Muzzle Rest—200 yards, 10 shots, possible 100. Standard American target, offhand:

October 14—Strafford County Rifle Association Range, Dover, N. H., Harry Wentworth made full score, 100 points.

NOTE—This score on the rest target counts 115 out of a possible 120.

November 7—Annual Election Day Individual Championship Match, shot at Greenville Shooting Park, Jersey City, N. J.; 100 shots off hand, 200 yards, German ring target, possible 2 500 points, 20 entries:

First, Michael Dorrler, Jersey City, 2,246; second, Fred. C. Ross, New York City, 2,208; third, Dr. W. G. Hudson, New York City, 2,182.

Highest 10-shot score, possible 250:

First, Michael Dorrler, 232; second, George Schlicht, 231.

November 7—Annual Election Day Individual Championship Match, at Shell Mound Park, San Francisco, Cal.; 100 shots, 200 yards, German ring target, offhand:

First, F. E. Mason, 2,209; second, F. P. Schuster, 2,204; third, D. W. McLaughlin, 2,181.

Best 10-shot score:

F. E. Mason, first, 235; F. P. Schuster, second, 231.

Ten-Shot Score—200 yards, German ring target, offhand:

November 18—At Greenville Shooting Park, Jersey City, N. J., L. P. Hansen made 240 points out of a possible 250. His shots are as follows: 24, 24, 24, 24, 25, 22, 23, 25, 24, 25—240.

NOTE—Hansen's score ties the record.

September 14—At Shell Mound Park, San Francisco, Cal., F. E. Mason made 237. His shots are as follows: 25, 22, 24, 24, 22, 24, 24, 24, 24, 24—237.

Ten-Shot Score; possible 50; 500 yards; Creedmoor target:

November 3—Denver, Col., Rifle Club—C. C. Ford made the following scores: 50, 48, 48, 50. On November 13 he made 49, 50, 50, 50. These scores are consecutive.

The American Turf.

RECORD OF BEST PERFORMANCES.

RUNNING.

Dashes—Best at All Distances.

(Revised to December 1, 1899.)

Distance.	Name, Age, Weight, and Sire.	Place.	Date.	Time.	
¼ mile	Bob Wade, 4	Butte, Mont.	Aug. 20, 1890		0.21¼
⅜ "	Red S., aged, 122 lbs.	Butte, Mont.	July 22, 1896		0.34
	Fashion, 4	Lampas, Tex.	Aug. 15, 1891		
½ "	Geraldine, 4, by Grinstead, 122 lbs	N. Y. J. C. (st. c.)	Aug. 30, 1889		0.46
	April Fool, 4, 122 lbs.	Butte, Mont.	July 31, 1891		0.47
4½ furlongs	Handpress, 2, by Hanover, 100 lbs.	N. Y. J. C. (st. c.)	May 26, 1897		0.52
⅝ mile	Maid Marian, 4, by Great Tom, 111 lbs.	N. Y. J. C. (st. c.)	Oct. 9, 1894		0.56¾
	George F. Smith, 4, by Inspector B., 100 lbs	Oakland, Cal.	March, 1895		0.59
5½ furlongs	Howard, 4, by Tyrant, 118 lbs.	Los Angeles, Cal.	Oct. 26, 1895		1.06
	Tormentor, 6, by Joe Hooker, 121 lbs.	N. Y. J. C. (st. c.)	Oct. 19, 1893		1.03
Futurity Course*.	Kingston, aged, by Spendthrift, 139 lbs	C. I. J. C.	June 22, 1891		1.08
¾ mile	O'Connell, 5, 121 lbs.	Oakley, Ohio	July 18, 1895		1.12¼
	Flora Louise, 2, by Florist, 88 lbs.	Chicago (Harlem)	Sept. 30, 1897		
	Mary Black, 3, by Islington, 93 lbs.	Chicago (Wash. Park)	July 16, 1898		
	Domino, 2, by Himyar, 128 lbs.	N. Y. J. C. (st. c.)	Sept. 29, 1893		1.09
	Firearm, 4, by Rayon d'Or, 120 lbs.	Morris Park (st. c.)	Oct. 3, 1899		1.08¾
6½ furlongs	Georgie, 3, by Ragnarok, 102 lbs.	Hawthorne, Chic., Ill	Sept. 16, 1899		1.19¼
⅞ mile	Bella B., 5, by Enquirer, 103 lbs.	Monmouth P. (st. c.)	July 8, 1890		1.23½
	Clifford, 4, by Bramble, 127 lbs.	C. I. J. C.	Aug. 29, 1894		1.252-5
7½ furlongs	Dunois, 5, by Florist, 105 lbs.	Oakland, Cal.	Feb. 21, 1899		1.32¼
1 mile	Salvator, 4, by Imp. Prince Charlie, 110 lbs†	Monmouth P. (st. c.)	Aug. 28, 1890		1.35⅛
	Libertine, 3, by Leonatus, 90 lbs.	Chicago, Ill.	Oct. 24, 1894		1.38¾
	Kildeer, 4, by Imp. Darebin, 91 lbs	Monmouth P. (st. c.)	Aug. 13, 1892		1.37¼
1 " 20 yds.	Maid Marian, 4, by Imp. Great Tom, 101 lbs	Chicago (Wash. Park)	July 21, 1893		1.40
	Macy, 4, by Hindoo, 107 lbs.	Chicago (Wash. Park)	July 2, 1898		
1 " 50 yds.	Floronso, 3, by Fonso, 93 lbs.	Chicago (Wash. Park)	July 6, 1898		1.42½
1 " 70 yds.	Lillian Lee, 3, by Lisbon, 95 lbs.	Chicago (Harlem)	July 31, 1894		1.43¾
1 1-16 miles	Carnero, 5, by Candlemas, 107 lbs.	Hawthorne, Chic., Ill.	Sept. 5, 1899		1.45
1⅛ "	Tristan, 6, by Imp. Glenelg, 114 lbs	Morris Park, N. Y.	June 2, 1891		1.51½
1 3-16 "	Boanerges, 4, by Spendthrift, 110 lbs.	Chicago (Wash. Park)	July 7, 1898		1.58¼
1¼ "	David Tenny, 4, by Tenny, 100 lbs.	Chicago (Wash. Park)	July 16, 1898		2.04⅛
	Algol, 4, by Imp. Topgallant, 107 lbs.	Chicago (Wash. Park)	July 23, 1898		
	Banquet, 3, by Imp. Rayon d'Or, 108 lbs.	Monmouth P. (st. c.)	July 17, 1890		2.03¾
1 m. 500 yds.	Bend Or, 4, by Buckden, 115 lbs.	Saratoga, N. Y.	July 25, 1882		2.10½
1 5-16 miles	Sir John, 4, by Sir Modred, 116 lbs.	N. Y. J. C.	June 9, 1892		2.14¼
1⅜ "	Sabine, 4, by Rossington, 109 lbs.	Chicago (Wash. Park)	July 5, 1894		2.18¾
1½ "	Goodrich, 3, by Patron, 102 lbs.	Chicago (Wash. Park)	July 16, 1898		2.30¼
1⅝ "	Hindoocraft, 3, by Hindoo, 75 lbs.	Morris Park, N. Y.	Aug. 27, 1889		2.48
1¾ "	Ben Holladay, 4, by Hanover, 118 lbs.	Morris Park, N. Y.	Oct. 23, 1897		2.59¼
1⅞ "	Enigma, 4, by Enquirer, 90 lbs.	Sheepshead Bay, N. Y	Sept. 15, 1885		3.20
2 "	Judge Denny, 5, by Fonso, 105 lbs.	Oakland (Cal. J. C.).	Feb. 12, 1898		3.26⅛
	Ten Broeck, 5, by Imp. Phaeton, 110 lbs.†	Louisville, Ky.	May 29, 1877		3.27⅛
2⅛ "	Joe Murphy, 4, by Isaac Murphy, 99 lbs.	Chicago (Harlem)	Aug. 30, 1894		3.42
2¼ "	Buckwa, aged, by Buckra, 104 lbs.	Oakland, Cal.	Dec. 31, 1898		3.51
2½ "	Kyrat, 3, by Teuton, 88 lbs.	Newport, Ky.	Nov. 18, 1899		4.24⅛
2⅝ "	Ten Broeck, 4, by Imp. Phaeton, 104 lbs.	Lexington, Ky.	Sept. 16, 1876		4.58⅛
2¾ "	Hubbard, 4, by Planet, 107 lbs.	Saratoga, N. Y.	Aug. 9, 1873		4.58¾
3 "	Drake Carter, 4, by Ten Broeck, 115 lbs.	Sheepshead Bay, N. Y	Sept. 6, 1884		5.24
4 "	Lucrezia Borgia, 4, by Imp. Brutus, 85 lbs.†	Oakland (Cal. J. C.).	May 20, 1897		7.11
	The Bachelor, 6, by Judge Murray, 113 lbs.	Oakland, Cal.	Feb. 22, 1899		7.16½

Heats—Best Two in Three.

¼ mile	Sleepy Dick, aged	Kiowa, Kan.	Oct. 19, 1888	0.21½	0.22¼
½ "	Eclipse, Jr., 4	Dallas, Tex.	Nov. 1, 1890	0.48	0.48
	Quirt, 3, 122 lbs.	Vallejo, Cal.	Oct. 5, 1894	0.47¼	0.47⅛
4½ furlongs	Susie S., aged, by Ironwood	Santa Rosa, Cal.	Aug. 23, 1889	0.55	0.55¾
⅝ mile	Kitty Pease, 4, by Jack Hardy, 82 lbs.	Dallas, Tex.	Nov. 2, 1887	1.00	1.00
¾ "	Lizzie S., 5, by Wanderer, 118 lbs.	Louisville, Ky.	Sept. 18, 1883	1.13¼	1.13⅛
	Tom Hayes, 4, by Duke of M'trose, 107 lbs.	Morris Pk., N. Y. (st. c)	June 17, 1892	1.10⅛	1.12¾
⅞ "	Hornpipe, 4, by Imp. St. Mungo, 105 lbs.	Chicago (Westside)	July 19, 1888	1.30	1.30
1 "	Guido, 4, by Double Cross, 117 lbs.	Chicago (Wash. Park)	July 11, 1891	1.41½	1.41⅛
1 1-16 miles	Slipalong, 5, by Longfellow, 115 lbs	Chicago (Wash. Park)	Sept. 2, 1885	1.50½	1.48
1⅛ miles	Gabriel, 4, by Alarm, 112 lbs.	Sheepshead Bay, N. Y	Sept. 23, 1880	1.56	1.56
1¼ "	Glenmore, 5, by Glen Athol, 114 lbs	Sheepshead Bay, N. Y	Sept. 25, 1880	2.10	2.14
	Mary Anderson, 3, 83 lbs., won first heat in.				2.09
1½ "	Keno, 6, by Chillicothe	Toledo, Ohio	Sept. 16, 1880	2.43½	2.45
	Belle of Nelson, 5, won second heat in				2.45
2 "	Bradamante, 3, by War Dance, 87 lbs.	Jackson, Miss.	Nov. 17, 1877	3.32	3.29
3 "	Norfolk, 4, by Lexington, 100 lbs	Sacramento, Cal.	Sept. 23, 1865	5.27½	5.29⅛
4 "	Ferida, 4, by Glenelg, 105 lbs.	Sheepshead Bay, N. Y	Sept. 18, 1880	7.23½	7.41
	Glenmore, 4, by Glen Athol, 108 lbs.	Baltimore, Md.	Oct. 25, 1879	7.30¼	7.31

* Course, 170 feet less than ¾-mile. † Races against time. St. c., straight course.

THE AMERICAN TURF—RECORD OF BEST PERFORMANCES—*Continued.*

Heats—Best Three in Five.

Dist. Mile.	Name.	Place.	Date.	Time.				
½	Haddington, 3, by Haddington, 118 lbs....	Petaluma, Cal...	Aug.28, '83	.....	.....	0.49½	0.50½	0.49¾
¾	Gleaner, aged, by Glenelg, 112 lbs.....	Wash. Park, Chic.	July 5, '86	.....	.....	1.15	1.14½	1.15½
1	Thad Stevens, aged, by Langford, 100 lbs.	Sacramento, Cal.	July 8, '73	.....	.....	1.43½	1.46½	1.45
	Thornhill won the first and second heats in	.....	.....	1.43	1.43	.....	.....	.....
1	L'Argentine, 6, 115 lbs.....	St. Louis.....	June14, '79	1.43	.....	1.44	.....	1.47¾
11-16	Dave Douglas, 5, by Leinster	Sacramento, Cal.	Sept.23, '87	1.51½	1.51½	1.51½	1.54	1.50½
	First and third heats were dead heats.							

HURDLE RACES.

Distance.	Name.	Place.	Date.	Time.		
1 mile.....	Swannanoe, aged, by Red Dick, 120 lbs..	Brighton Beach, N.Y.	July 16 1881	.....	.....	1.50
1 1-16 miles	Judge Jackson, aged, by Buckden, 138 lbs	Latonia, Ky.....	May 29, 1886	.....	.....	1.59¾
1⅛ "	Winslow, 4, by Ten Broeck, 138 lbs.....	Westside, Chicago, Ill	Aug. 29, 1888	.....	.....	2.02¾
1 3-16 "	Jim Murphy, 4, by Fellowcraft, 133 lbs..	Saratoga, N. Y.....	Aug. 21, 1888	.....	.....	2.12
1¼ "	Bourke Cockran, 4, by War Dance, 127 lbs	Brighton Beach, N.Y.	Nov. 9, 1882	.....	.....	2.16
1⅜ "	Guy, aged, by Narragansett, 155 lbs.....	Latonia, Ky.....	Oct. 8, 1885	.....	.....	2.35
1½ "	Kitty Clark, 3, by Glenelg, 130 lbs.....	Brighton Beach, N.Y.	Aug. 23, 1881	.....	.....	2.47
	Speculation, 6, by Dan'l Boone, 125 lbs.	Brighton Beach, N.Y.	July 19, 1881	.....	.....	2.47
1⅝ "	Turfman, 5, by Revolver, 140 lbs.....	Saratoga, N. Y.....	Aug. 7, 1882	.....	.....	3.16
1¾ "	Kitty Clark, 4, by Glenelg, 142 lbs.....	Monmouth, N. J.....	July 12, 1882	.....	.....	3.17
	Challenger, 4, by Imp. Martenhurst, 154 lbs.....	Morris Park, N. Y..	May 18, 1898	.....	.....	
2 "	Forget, 5, by Exile, 152 lbs.....	Sheepshead Bay, N.Y	Aug. 31, 1898	.....	.....	3.452-5
2¼ "	Buckra, aged, by Buckden, 168 lbs.....	Sheepshead Bay, N.Y	June 21, 1887	.....	.....	4.26
Mile heats.	Will Davis, aged, by Fadladeen, 140 lbs.	Chicago, Ill.....	July 3, 1886	.....	1.49½	1.51

TROTTING—IN HARNESS.

Distance.	Name.	Place.	Date.	Time.		
1 mile by a yearling.....	Pansy McGregor.	Holton, Kan. (kite).....	Nov. 18, 1893	.....	.....	2.23¾
	Adbell*.....	San José, Cal. (reg.).....	Sept. 28, 1894	.....	.....	2.23
1 " " two-year-old..	Arion*.....	Stockton, Cal. (kite).....	Nov. 10, 1891	.....	.....	2.10¾
	Jupe	Boston, Mass.....	Sept. 28, 1893	.....	.....	2 13¾
1 " " three-year-old	Fantasy.....	Nashville, Tenn. (reg.)..	Oct. 17, 1893	.....	.....	2.08¾
1 " " four-year-old.	Directum.....	Nashville, Tenn. (reg.)..	Oct. 18, 1893	.....	.....	2.05¼
	Fantasy*.....	Terre Haute, Ind. (reg.).	Sept. 13, 1894	.....	.....	2.06
1 " " five-year-old..	Blugen.....	Louisville, Ky.....	Sept. 26, 1898	.....	.....	2.06¾
	Ralph Wilkes....	Nashville, Tenn.....	Oct. 19, 1894	.....	.....	
1 " " six-year-old ..	Alix*‡.....	Galesburg, Ill.....	Sept. 19, 1894	.....	.....	2.03¾
Best 3 heats.....	Alix.....	Terre Haute, Ind.....	Aug. 17, 1894	2.06	2.06¼	2.05¼
2 miles.....	Greenlander	Terre Haute, Ind.....	Nov. 4, 1893	.....	.....	4.32
	Col. Kuser.....	Vienna, Austria.....	Sept. 28, 1899	.....	.....	4.28 2-5
3 "	Fairy Wood.....	Minneapolis, Minn.....	July 1, 1895	.....	.....	7.16½
	Nightingale*.....	Nashville, Tenn. (reg.)..	Oct. 20, 1893	.....	.....	6.55½
4 "	Bertie R. †	Blackpool, England.....	Sept. 11, 1899	.....	.....	9.58
	Senator L.....	San José, Cal. (reg.).....	Nov. 2, 1894	.....	.....	10.12
5 "	Bishop Hero.....	Oakland, Cal. (reg.).....	Oct. 14, 1893	.....	.....	12.30¾
10 "	Controller.....	San Francisco, Cal. (reg.)	Nov. 23, 1878	.....	.....	27.23¼
	Pascal*.....	New York, N. Y. (reg.)..	Nov. 2, 1893	.....	.....	26.15
20 "	Captain McGowan*	Boston, Mass. (reg.)....	Oct. 31, 1865	.....	.....	58.25
30 "	General Taylor*....	San Francisco, Cal.....	Feb. 21, 1857	.....	.....	47.59
50 "	Ariel*.....	Albany, N. Y.....	——— 1846	.....	.....	3.55.40½
100 "	Conqueror*.....	Centreville, L. I.....	Nov. 12, 1853	.....	.....	8.55.53

To Wagon.

1 mile.....	Grace Hastings....	Cleveland, Ohio	July 29, 1888	.....	.....	2.09½
1 mile in a race.....	The Abbot.....	Hartford, Ct.....	July 4, 1898	.....	.....	2.12¼
Best 3 heats.....	Hopeful.....	Chicago, Ill.....	Oct. 12, 1878	2.16½	2.17	2.17
2 miles.....	General Butler...	Fashion Track, L. I.....	June 18, 1863	.....	.....	4.56¼
	Dexter.....	Fashion Track, L. I.....	Oct. 27, 1865	.....	.....	
3 "	Prince.....	Centreville, L. I.....	Sept. 15, 1857	.....	.....	7.53½
5 "	Fillmore.....	San Francisco, Cal.....	April 8, 1863	.....	.....	13.16
10 "	Julia Aldrich.....	San Francisco, Cal.....	June 15, 1858	.....	.....	29.04½
20 "	Controller.....	San Francisco, Cal.....	April 20, 1878	.....	.....	58.57

Under Saddle.

1 mile.....	Great Eastern.....	Fleetwood Park, N. Y..	Sept. 22, 1877	.....	.....	2.15¾
2 miles.....	George M. Patchen	Fashion Track, L. I....	July 1, 1863	.....	.....	4.56
3 "	Dutchman.....	Beacon Track, Hoboken.	Aug. 1, 1839	.....	.....	7.32½
4 "	Dutchman.....	.....	May, 1836	.....	.....	10.51

By Teams.

1 mile. Maud S. and Aldine, at Fleetwood Park, N. Y., driven by W. H. Vanderbilt to a road wagon (not a record), 2.15½, June 15, 1883.

1 mile. Belle Hamlin and Honest George, at Providence, R. I., driven by E. F. Geers to skeleton wagon with bicycle wheels, for a record, 2.12¼, September 23, 1892.

1 mile. Belle Hamlin and Justina, at Independence, Iowa (kite-shaped track), driven by their breeder, C. J. Hamlin, 72 years old, to skeleton wagon, for a record, 2.13¼, October 24, 1890.

1 mile (in a race). Rose Leaf and Sally Simmons, driven by George Starr, at Columbus, Ohio, September 27, 1894, 2.15¼.

*Against time. †Alias Polly G. ‡World's trotting record.

THE AMERICAN TURF—RECORD OF BEST PERFORMANCES—*Continued.*

3 heats (in a race). Arab and Conde, driven by O. A. Hickok, won in straight heats over the Bay District track, San Francisco, November 26, 1887, from Lindsay's Jane L. and Palatina. Time, 2.30½, 2.23, 2.18¾.

With Running Mate.

Distance.	Name.	Place.	Date.	Time.		
1 mile	Ayres P.*	Kirkwood, Del. (kite)	July 3, 1893			2.03½

PACING—IN HARNESS.

1 mile	Star Pointer*†	Readville, Mass.	Aug. 28, 1897			1.59¼
1 " in a race	Star Pointer	Springfield, Ill.	Oct. 1, 1897			2.00½
1 " yearling	Belle Acton*	Lyons, Neb.	Oct. 14, 1893			2.26¾
1 " two-year-old	Directly* / Ecstacy	Galesburg, Ill. / Lexington, Ky.	Sept. 20, 1894 / Oct. 15, 1898			2.07¾ / 2.10½
1 " three-year-old	Klatawah	Louisville, Ky.	Sept. 28, 1898			2.05½
1 " four-year-old	Online*	Sioux City, Iowa	Oct. 12, 1894			2.04
1 " best by mare	Lady of the Manor	Glens Falls, N. Y.	Aug. 19, 1899			2.04¼
2 miles	Chehalis	Salem, Ore.	Oct. 6, 1897			4.19¼
3 "	James K. Polk / Joe Jefferson*	Centreville, L. I. (reg.) / Knoxville, Iowa (reg.)	Sept. 13, 1847 / Nov. 6, 1891			7.44 / 7.33¼
4 "	Joe Jefferson*	Knoxville, Iowa (reg.)	Nov. 13, 1891			10.10
5 "	Fisherman	San Francisco, Cal. (reg.)	Dec. 19, 1874			13.03½
1 mile, best three heats	Star Pointer	Boston, Mass.	Sept. 18, 1896	2.02½	2.03½	2.03¾

To Wagon.

1 mile	Bumps*	Louisville, Ky.	Sept. 27, 1899			2.02¼
2 miles	Young America					4.58½
3 "	Longfellow	Sacramento, Cal.	Sept. 7, 1869			7.53
4 "	Longfellow	San Francisco, Cal.	Dec. 31, 1869			10.42½
5 "	Lady St. Clair	San Francisco, Cal.	Dec. 11, 1874			12.54¾
3 heats, 1 mile	Johnston	St. Paul, Minn.	Sept. 16, 1887	2.16¼	2.15½	2.15¼

Under Saddle.

1 mile	Johnston	Cleveland, Ohio	Aug. 3, 1883			2.13

By a Team.

1 mile	John R. Gentry / Robert J.	Glens Falls, N. Y.	Oct. 8, 1897			2.08

With a Running Mate.

1 mile (pacing)	Flying Jib & mate.	Chillicothe, Ohio (kite)	Oct. 4, 1894			1.58¼

* Against time. †World's pacing record.

The English Derby.

Year.	Owner and Winner.	Sire.	Subs.	Starters.	Time.	Second.
1867	Mr. H. Chaplin's Hermit	Newminster	256	30	2.52	Marksman.
1868	Sir J. Hawley's Blue Gown	Beadsman	262	18	2.43 1-2	King Alfred.
1869	Mr. J. Johnstone's Pretender	Adventurer	247	22	2.52 1-2	Pero Gomez.
1870	Lord Falmouth's Kingcraft	King Tom	252	15	2.45	Palmerston.
1871	Baron Rothschild's Favonius	Parmesan	209	17	2.50	Albert Victor. / King of the Forest.
1872	Mr. Savile's Cremorne	Parmesan	191	23	2.45 1-2	Pell Mell.
1873	Mr. Merry's Doncaster	Stockwell	201	12	2.50	Gang Forward. / Kaiser.
1874	Mr. Cartwright's George Frederick	Marsyas	212	20	2.46	Couronne de Fer.
1875	Prince Batthyany's Galopin	Vedette	199	18	2.48	Claremont.
1876	Mr. A. Baltazzi's Kisber	Buccaneer	226	15	2.44	Forerunner.
1877	Lord Falmouth's Silvio	Blair Athol	245	17	2.50	Glen Arthur.
1878	Mr. Crawfurd's Sefton	Speculum	231	22	2.56	Insulaire.
1879	Mr. Acton's Sir Bevys	Favonius	278	23	3.02	Palmbearer.
1880	Duke of Westminster's Bend Or	Doncaster	257	19	2.46	Robert the Devil.
1881	Mr. P. Lorillard's Iroquois	Leamington	242	15	2.50	Peregrine.
1882	Duke of Westminster's Shotover	Hermit	198	14	2.45 3-5	Quicklime.
1883	Sir F. Johnstone's St. Blaise	Hermit	215	11	2.48 2-5	Highland Chief.
1884	Mr. J. Hammond's St. Gatien / Sir J. Willoughby's Harvester	Rotherhill or The Rover. / Stirling	189	15	2.46 1-5	.....
1885	Lord Hasting's Melton	Master Kildare.	189	12	2.44 1-5	Paradox.
1886	Duke of Westminster's Ormonde	Bend Or	199	9	2.45 3-5	The Bard.
1887	Mr. Abington's Merry Hampton	Hampton	190	11	2.43	The Baron.
1888	Duke of Portland's Ayrshire	Hampton	158	9	2.42 1-5	Crowberry.
1889	Duke of Portland's Donovan	Galopin	169	13	2.44 2-5	Miguel.
1890	Sir James Miller's Sainfoin	Springfield	235	8	2.49 1-4	Le Nord.
1891	Sir F. Johnstone's Common	Isonomy	203	11	2.56 4-5	Gouverneur.
1892	Lord Bradford's Sir Hugo	Wisdom	259	13	2.44	La Flèche.
1893	W. H. McCalmont's Isinglass	Isonomy	229	11	2.33	Ravensbury.
1894	Lord Rosebery's Ladas	Hampton	224	7	2.45 4-5	Matchbox.
1895	Lord Rosebery's Sir Visto	Barcaldine	228	15	2.43 2-5	Curzon.
1896	Prince of Wales' Persimmon	St. Simon	276	11	2.42	St. Frusquin.
1897	J. Gubbins' Galtee More	Kendal	291	11	2.44	Velasquez.
1898	J. W. Larnach's Jeddah	Janissary	276	18	2.47	Batt.
1899	Duke of Westminster's Flying Fox	Orme	264	12	2.42 4-5	Damocles.

Baseball.

THE PROFESSIONAL ARENA.

THE NATIONAL LEAGUE CHAMPIONSHIP SEASON OF 1899.

THE professional baseball season of 1899 ended the eighth year's existence of the major League with its twelve-club circuit, and it would have been the most profitable season of its career but for the faulty management which characterized the running of the League's business, this costly drawback comprising the continuance of the abuse known as "kicking"—disputing the decisions of the umpires—with its sequence of unruly conduct on the field, an evil which had had such damaging financial effect in 1898. It will be remembered that when the National League was reconstructed in the Fall of 1891, and took its pick of the American Association clubs, and became a twelve-club organization and the ruling power in the professional world, the transaction cost the National League magnates $186,000. This great indebtedness was, however, paid off by the major League by the close of the season of 1893, thereby showing how profitable the twelve-club League had been up to 1894. From that date, however, the financial profits of each season began to decrease, and the cause of it was the gradual growth of the evil of "kicking," the result being the driving away from the grandstands the reputable class of the patrons of the game. In 1897 an era of positive turbulency began in the ranks of the players of the League clubs, and it was carried to such a disgraceful extent by a minority of the League teams that at the convention of that year repressive measures were adopted by the League magnates, and it was expected that 1898 would see an improvement shown. Instead, however, things went on from bad to worse, and, to increase the trouble, discord in League councils began to manifest itself, and the result was that the season of 1898 turned out to be the poorest financially known in the history of the major League. The Spanish War was, however, charged with being the main cause of the falling off in gate receipts in 1898, and the season of 1899 was looked forward to as one likely to compensate in receipts for that of the previous year. But again was the same costly mistake made in 1899 as in 1898, and with it came great disappointment in the failure of the cash returns to equal the rosy anticipations of financial success indulged in by the magnates in the Spring of 1899. Losing sight of the true cause of the failure, quite a cry was made in 1899 for a return by the League to the old plan of an eight-club circuit in the place of the so-called "top-heavy twelve-club circuit," the advocates of the return to old plans forgetting that it was the abuses that had been allowed to continue which had caused the falling off in patronage, and not the number of clubs comprising the League circuit. To add to the cause of failure, a condition of "syndicate baseball" was allowed to exist, which not only helped to lessen the patronage, but also to risk the loss of the valuable prestige of playing professional baseball in its integrity, which the National League had secured by years of labor in behalf of honest ball playing. The National League with its twelve-club organization has yet two years more to live, and no constitutional change can be made in the way of reducing the number of its clubs without unanimous consent, and that consent is not at the League's command. Of course the clubs in excess of eight in the circuit could be bought out, but the costly experiment of 1891 is not likely to be again tried, and therefore the twelve-club circuit is liable to continue until the expiration of the major League's life occurs in the Fall of 1901.

What is needed at the hands of the League magnates to make the League season of 1900 one of great financial profit is, for them firstly to do away with the existing drawback to financial success of rowdyism in the ranks; secondly, to put an end to the damaging effect of syndicate baseball in lowering the prestige of the professional business for honest work, and lastly to even up the playing strength of the League teams to an extent sufficient to insure more evenly contested pennant races. Merely changing the League's circuit from twelve to eight clubs won't do it; the magnates must dig out the root of the existing evil.

The story of the pennant race of 1899 is figuratively told in brief in the appended table, which shows how each club stood in the race at the end of the season, and which club excelled in victories in the two divisions of the record:

CHAMPIONSHIP RECORD OF 1899.

Clubs.	First Division Clubs.							Second Division Clubs.									
	Brooklyn.	Boston.	Philadelphia.	Baltimore.	St. Louis.	Cincinnati.	Victories.	Pittsburgh.	Chicago.	Louisville.	New York.	Washington.	Cleveland.	Victories.	Grand Total of Victories.	Grand Total of Defeats.	Per Cent of Victories.
Brooklyn	..	8	8	8	8	7	39	8	8	11	10	11	14	62	101	47	.682*
Boston	6	..	5	7	8	10	36	10	5	9	12	12	11	59	95	57	.625
Philadelphia	6	9	..	7	7	10	39	6	9	6	10	12	12	55	94	58	.618
Baltimore	6	7	6	..	8	4	31	9	9	6	10	9	12	55	86	62	.581
St. Louis	4	6	7	6	..	8	31	7	6	9	10	8	13	53	84	67	.556
Cincinnati	6	4	4	9	5	..	28	10	6	8	9	8	14	55	83	67	.553
Defeats	28	34	30	37	36	39	204	50	43	49	61	60	76	339	543	358	..
Pittsburgh	6	4	8	3	7	3	31	..	7	8	7	11	12	45	76	73	.510
Chicago	5	7	5	5	8	8	38	6	..	7	7	4	13	37	75	73	.507
Louisville	3	5	7	7	5	6	33	6	7	..	7	12	10	42	75	77	.493
New York	2	2	4	4	4	5	21	6	6	7	..	7	13	39	60	90	.400
Washington	3	2	2	4	6	6	23	3	9	2	7	..	10	31	54	98	.355
Cleveland	0	3	2	2	1	0	8	2	1	4	1	4	..	12	20	134	.130
Defeats	19	23	28	25	31	28	154	23	30	28	29	38	58	206	360	545	..
Grand total of defeats	47	57	58	62	67	67	358	73	73	77	90	98	134	545	903	903	..

* By a decision of the Board of Arbitration rendered on October 25, 1899, the Brooklyn club had its official record of October 15 changed through throwing out of the record nine of its championship victories and five of its defeats, a result due to a misunderstanding of the League law in the case of playing Wrigley in their September and October games. But the forfeiture of the games did not change the relative position of the Brooklyn club in the pennant race record, nor those of the clubs which played against the Brooklyns with Wrigley in the latter's team, though it did change the percentage figures of each, but only to a slight extent.

It will be seen that while the Brooklyn and Philadelphia clubs were tied in victories over first division clubs, Brooklyn was charged with the fewer defeats at the hands of the clubs of the first division, and in both respects the Brooklyn team led the Boston team by having more victories and fewer defeats. In first division club games, therefore, while Brooklyn bore off the palm, Philadelphia was second and Boston third. In victories over second division clubs, however, while Brooklyn led, Boston was second and Philadelphia third. In the aggregate Boston secured second place in the race and Philadelphia had to be content with third place.

The intersectional campaign in the pennant-race arena was a one-sided affair, as it has been for several years past, the six Eastern teams defeating their six Western opponents by the record of 284 victories to the West's 206. Brooklyn led the Eastern contingent, and St. Louis and Louisville were tied for the lead on the part of the West, the respective tail-enders being Washington and Cleveland. Here is the record in full:

EAST VS. WEST RECORD FOR 1899.

Eastern Clubs. Record.	Victories.	Defeats.	Played.	Per Cent of Victories.	Western Clubs. Record.	Victories.	Defeats.	Played.	Per Cent of Victories.
Brooklyn	56	24	80	.700	St. Louis	41	41	82	.500
Boston	53	29	82	.646	Louisville	41	41	82	.500
Philadelphia	50	33	83	.602	Cincinnati	40	42	82	.488
Baltimore	48	32	80	.600	Pittsburgh	39	42	81	.481
New York	41	41	82	.500	Chicago	33	46	79	.418
Washington	36	47	83	.431	Cleveland	12	72	84	.143
Totals	284	206	490	..	Totals	206	284	490	..

The success of the Brooklyn club in winning the League pennant in 1899 gives the club the unique record of being a four-times winner of pennant races. The club began its career in 1883 by winning the Interstate League's pennant of that year, and it ended its American Association membership in 1889 by winning that organization's pennant. Then it began its National League history by winning that League's pennant race the first year of its membership, and in 1899 won the major League's pennant race. Here is the Brooklyn Club's pennant-winning record from 1883 to 1899 inclusive:

THE BROOKLYN CLUB'S RECORD.

Year.	Club.	Manager.	Won.	Lost.	Played.	Per Cent.
1883	Brooklyn	George Taylor	65	33	98	.663
1889	Brooklyn	W. McGunnigle	93	44	137	.679
1890	Brooklyn	W. McGunnigle	86	43	129	.667
1899	Brooklyn	E. Hanlon	101	47	148	.682

The only four-times winners of pennant races in four successive years known to League history were the old "Boston Red Stockings," of the decade of the seventies, and the "St. Louis Browns," of the eighties, the respective records of the two clubs being as follows:

THE BOSTON RED STOCKINGS' RECORD.

Year.	Club.	Manager.	Won.	Lost.	Pla'd.	Per Ct.
1872	Boston	H. Wright	39	8	47	.830
1873	Boston	H. Wright	43	16	59	.728
1874	Boston	H. Wright	43	17	60	.717
1875	Boston	H. Wright	71	8	79	.809

THE ST. LOUIS BROWNS' RECORD.

Year.	Club.	Manager.	Won.	Lost.	Pla'd.	Per Ct.
1885	St. Louis.	W. Comiskey	79	33	112	.705
1886	St. Louis.	W. Comiskey	93	46	139	.669
1887	St. Louis.	W. Comiskey	95	40	135	.704
1888	St. Louis.	W. Comiskey	92	43	135	.681

The following table shows which player excelled in each department of the game. Thus it will be seen that Delehanty led in having the best base-hit average; Ely in making the most sacrifice hits; McGraw in excelling in stealing bases; Hughes in having the best percentage of victories in games pitched in, and Peitz the best catching record, while the leaders in the four infield and three outfield positions were Beckley, McPhee, Cross, Davis, as infielders, and Kelley, Brodie, and Keeler in the outfield, no player being named for any position (except the pitcher and catcher) who had not played in at least 100 games:

Department of the Game.	Player.	Position.	Club.	Games Played.	Base Hit Percentage.	Fielding Percentage.	Total Runs.	Total Stolen Bases.	Total Sacrifice Hits.
Base Hits	Delehanty	L.F.	Philadelphia	145	.408	.971	133	38	5
Sacrifice Hits	Ely	S.S.	Pittsburgh	138	.288	.932	64	9	29
Base-Running	McGraw	3B.	Baltimore	118	.390	.943	140	73	2
Fielding	Beckley	1B.	Cincinnati	135	.333	.987	59	11	9
Fielding	McPhee	2B.	Cincinnati	106	.283	.958	58	20	8
Fielding	Cross	3B.	St. Louis	141	.292	.957	77	16	8
Fielding	Davis	S.S.	New York	111	.348	.944	69	38	6
Fielding	Kelley	L.F.	Brooklyn	144	.329	.976	107	31	11
Fielding	Brodie	C.F.	Baltimore	138	.309	.982	80	20	17
Fielding	Keeler	R.F.	Brooklyn	143	.376	.970	141	44	17
Pitching	Hughes	P.	Brooklyn	35	.261	....	17	1	2
Catching	Peitz	C.	Cincinnati	91	.271	.953	45	9	10

The official statistics of the League's championship season of 1899 are, of course, too voluminous for the reviewing article of the Almanac. We give below an analysis of the batting, base-running, fielding, and pitching of the League campaign, showing which the ten leading players are in batting, base-running, and fielding averages, as also the list of the single players who led in each position of the game for the entire season. Here is the list of the ten players who have played in 100 games and

over, giving their base-hit percentages and also those of their fielding, their names being given in the order of their base-hit averages:

Players.	Position.	Clubs.	Games Played.	Per Cent of Base Hits.	Fielding Percentage.	Players.	Position.	Clubs.	Games Played.	Per Cent of Base Hits.	Fielding Percentage.
1. Delehanty	L. F.	Philadelphia	145	.408	.971	6. Williams	3B.	Pittsburgh	153	.352	.898
2. Burkett	L. F.	St. Louis	138	.402	.933	7. Tenney	1B.	Boston	150	.350	.976
3. McGraw	3B.	Baltimore	118	.390	.943	8. Beaumont	C. F.	Pittsburgh	104	.350	.926
4. Keeler	R. F.	Brooklyn	143	.376	.970	9. Clarke	L. F.	Louisville	117	.348	.963
5. Wagner	3B.	Louisville	144	.359	.907	10. Davis	S. S.	New York	111	.348	.944

The table showing which were the first ten of the season of 1899 in base-stealing, run-getting, and in sacrifice hits is appended, the names being given in the order of their percentage per game:

Rank.	Players.	Position.	Clubs.	Games Played.	Per Cent of Stolen Bases Per Game.	Rank.	Players.	Position.	Clubs.	Games Played.	Per Cent of Runs Scored Per Game.	Rank.	Players.	Position.	Clubs.	Games Played.	Per Cent of Sacrifice Hits Per Game.
1	McGraw	3B	Baltimore.	118	.6186	1	McGraw	3B	Baltimore.	118	1.1684	1	Ely	S S	Pittsburgh	138	.2101
2	Sheckard	R F	Baltimore.	147	.5170	2	Keeler	R F	Brooklyn	143	.9860	2	McCarthy	L F	Pittsburgh	139	.1863
3	Lange	C F	Chicago	107	.4219	3	Delehanty	L F	Philadel'a	145	.9172	3	Long	S S	Boston	145	.1724
4	Mertes	L F	Chicago	109	.3944	4	Thomas	C F	Philadel'a	148	.9121	4	Cross	3B	St. Louis	153	.1634
5	Heidrick	R F	St. Louis	147	.3877	5	Stahl	R F	Boston	148	.8527	5	Thomas	C F	Philadel'a	148	.1597
6	Holmes	L F	Baltimore.	138	.3466	6	Clarke	L F	Louisville	147	.8455	6	Tenney	1B	Boston	150	.1466
7	Thomas	C F	Philadel'a	148	.3378	7	Williams	3B	Pittsburgh	153	.8237	7	Selbach	F	Cincinnati	139	.1438
8	Clarke	L F	Louisville.	147	.3197	8	Burkett	L F	St. Louis	138	.8233	8	Ritchey	2B	Louisville.	147	.1428
9	DeMont'ville	2B	Baltimore.	143	.3153	9	McGann	1B	Wash'ton	138	.8333	9	Heidrick	R F	St. Louis	147	.1360
10	Keeler	R F	Brooklyn	143	.3076	10	Van Haltren	C F	New York	153	.7777	10	Lowe	2B	Boston	152	.1240

THE MINOR LEAGUE ARENA.

Financial success was not a feature of the minor league campaign of 1899, with perhaps a few exceptions, this result being mainly due to the great business fault of the clubs in paying too large salaries in proportion to the paying circuits of most of the leagues. They established salary boundary lines, too, for the clubs and then failed to live up to them. Moreover, they followed the bad example of the major League as regards the abuse of "kicking," and this acted as another drawback to financial profit for their club investments, the general result being that only a minority lived up to their schedule engagements the season through. A consequence of this was that there were several of the minor leagues which disbanded before the season was half over. The record of the minor leagues which finished the season with most of their clubs intact is as follows:

League.	Winning Club.	Won.	Lost.	Per Cent.	Tail-End Club.	Difference in Points.
Western	Indianapolis	75	47	.615	Buffalo	.184
Eastern	Rochester	72	44	.621	Syracuse	.257
New England	Newport	..	..	....	Taunton	.450
Atlantic	Richmond	50	16	.758	Paterson	.534
Interstate	New Castle	87	53	.621	Grand Rapids	.271

The International, Canadian, Indiana, Illinois, and Southern, Western Association, and Texas Leagues all failed to finish their respective seasons.

Of the State Leagues, the Connecticut and New York were the most successful, the New Haven club winning the former and Rome the latter. The California League did not close its season of 1899 until THE WORLD ALMANAC had gone to press, and at that time the Sacramento Club held the lead. In November, 1899, the Western League changed its name to the American League, and this ably managed organization, together with the Eastern League, will lead the minor leagues in 1900, as in the past.

THE COLLEGE CLUB RECORDS.

More college club teams took part in the amateur campaign of 1899 than ever before, the university teams in the South and West showing up to better advantage than hitherto. In the East the interest in the college arena was monopolized by the annual contests between the Harvard, Yale, and Princeton University teams, their championship record giving the palm to Princeton, as will be seen by the appended record:

Date.	Contesting Clubs.	Where Played.	Pitchers.	Innings.	Score.
May 13	Princeton vs. Harvard	Princeton	Hildebrand—Morse	9	10— 2
May 27	Princeton vs. Harvard	Cambridge	Hildebrand—Fitz	9	12— 2
June 3	Yale vs. Princeton	New Haven	Robertson—Hildebrand	9	8— 0
June 10	Princeton vs. Yale	Princeton	Hildebrand—Robertson	9	6— 2
June 17	Princeton vs. Yale	New York	Hildebrand—Cook	9	11— 4
June 22	Yale vs. Harvard	Cambridge	Robertson—Fitz	9	2— 0
June 27	Harvard vs. Yale	New Haven	Fitz—Robertson	9	4— 3
July 1	Harvard vs. Yale	New York	Morse—Robertson	9	13—10

The summary of the above games is appended:

Clubs.	Princeton.	Yale.	Harvard.	Victories.	Per Cent of Victories.
Princeton	..	2	2	4	.800
Harvard	0	..	2	2	.400
Yale	1	1	..	2	.333
Defeats	1	3	4	8	....

HENRY CHADWICK.

University Boat-Racing.

INTERNATIONAL RACES.

1869, August 27. Oxford (Eng.) four beat Harvard (Am.) four over the Putney-Mortlake course on the Thames by three clear lengths. Time, 22.20 4-5.

1876, August 28, 29. Four-oared crews of Yale and Columbia (Am.), First Trinity, Cambridge (Eng.), and Dublin (Ire.) rowed in the open amateur race at the Centennial Regatta, Philadelphia. In a mile and a half, straightaway, with a slight current, Dublin was beaten in the first round and Yale and First Trinity in the second round, while Columbia withdrew.

1876, September 1. Over the same course, in the International Inter-University race, Yale won in 9.10¾, with Columbia second in 9.20, while First Trinity did not finish, one of the crew fainting half-way down the course.

1878, July 4. At the Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, four-oared crews of Columbia (Am.) and Dublin (Ire.) were beaten in the first trial heat for the Stewards' Cup.

1878, July 4, 5. At the same regatta Columbia won the Visitors' Challenge Inter-University race in 8.42, beating Univ. College, Oxford; Jesus College, Cambridge, and Hertford College, Oxford.

1881, July 2. At Henley-on-Thames (Eng.), one mile and five-sixteenths, against a slight current, match between four-oared crews of Hertford College, Oxford University (Eng.), and Cornell Univ. (Am.), Hertford won easily. Cornell running into the bank when behind, near the finish.

1895, July 9, 10. Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, race for the Grand Challenge Cup in eight-oared shells. In the first round Cornell University (Am.) rowed over alone, Leander Rowing Club failing to start. In the second round Trinity Hall, Cambridge University (Eng.), beat Cornell by seven lengths in 7.15.

1896, July 7. Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, eight-oared shells, for the Grand Challenge Cup. Yale University (Am.) was beaten by Leander Rowing Club (Eng.) in first round of trial heats.

HARVARD AND YALE UNIVERSITY EIGHTS.

The Harvard and Yale University eights have rowed as follows—distance, four miles straight:

Date.	Course.	Winner.	Time.	Loser.	Time.
June 30, 1876	Springfield, Mass.	Yale	22.02	Harvard	22.33
June 30, 1877	" "	Harvard	24.36	Yale	24.44
June 28, 1878	New London, Ct.	"	20.44¾	"	21.29
June 27, 1879	" "	"	22.15	"	23.58
July 1, 1880	" "	Yale	24.27	Harvard	25.09
July 1, 1881	" "	"	22.13	"	22.19
June 30, 1882	" "	Harvard	20.47	Yale	20.50½
June 28, 1883	" "	"	24.26	"	25.59
June 26, 1884	" "	Yale	20.31	Harvard	20.46
June 26, 1885	" "	Harvard	25.15½	Yale	26.30
July 2, 1886	" "	Yale	20.41¼	Harvard	21.05¾
July 1, 1887	" "	"	22.56	"	23.10½
June 29, 1888	" "	"	20.10	"	21.24
June 29, 1889	" "	"	21.30	"	21.55
June 27, 1890	" "	"	21.29	"	21.40
June 26, 1891	" "	Harvard	21.23	Yale	21.57
July 1, 1892	" "	Yale	20.48	Harvard	21.42½
June 30, 1893	" "	"	25.01½	"	25.15
June 28, 1894	" "	"	22.47	"	24.40
June 28, 1895	" "	"	21.30	"	22.05
June 29, 1899	" "	Harvard	20.52½	Yale	21.13

HARVARD AND YALE—PREVIOUS RACES.

Previous races in which Harvard and Yale have rowed are summarized as follows:

1852, August 3. Lake Winipiseogee, Centre Harbor, N. H., two miles straight to windward, in eight-oared barges, class of 1853, Oneida, of Harvard, beat Halcyon, of Yale, two lengths.

1855, July 21. Connecticut River, at Springfield, three miles with a turn, barges Iris (eight-oared) and Y. Y. (four-oared), of Harvard, beat Nereid and Nautilus (both sixes), of Yale. Allowances, 11 seconds per oar. Time: Iris, 22m.; Y. Y., 22.03; Nereid, 23.38, and Nautilus, 24.38.

1858, no race. George E. Dunham, stroke of the Yale crew, was drowned at Springfield, six days before the race, in a collision while at practice.

1859, July 26. Lake Quinsigamond, Worcester, Mass., three miles with a turn, Harvard shell, 19.18; Yale shell, 20.18. Harvard lapstreak, Avon, 21.13; Brown lapstreak, Atlanta, 24.40. Same course, July 27, in Citizens' Regatta. Yale shell, 19.14; Harvard, 19.16.

1860, July 24. Lake Quinsigamond, Harvard, 18.53; Yale, 19.05; Brown, 21.15.

There were no further races until 1864, when they were renewed by University six-oared crews, at three miles with a turn, and with the following results:

Date.	Course.	Winner.	Time.	Loser.	Time.
July 29, 1864	Lake Quinsigamond	Yale	19.01	Harvard	19.43½
July 28, 1865	" "	"	17.42½	"	18.09
July 27, 1866	" "	Harvard	18.43	Yale	19.10
July 19, 1867	" "	"	18.13	"	19.25½
July 24, 1868	" "	"	17.48½	"	18.38½
July 23, 1869	" "	"	18.02	"	18.11
July 22, 1870	Lake Saltonstall	"	(Foul)	"	Disq.

In 1871 was begun what were then known as the Inter-University Races, in which Harvard and Yale were contestants.

1871, July 21. At Springfield, three miles straight, Massachusetts Agricultural, 16.46½; Harvard, 17.23½; Brown, 17.47½.

1872, July 24. At Springfield, same course, Amherst, 16.33; Harvard, 16.57; Amherst Agricultural, 17.10; Bowdoin, 17.31; Williams, 17.59; Yale, 18.13.

UNIVERSITY BOAT-RACING—*Continued.*

1873, July 17. At Springfield, same course, Yale, 16.59; Wesleyan, 17.09; Harvard, 17.36½; Amherst, 17.40; Dartmouth, 18.07; Columbia, 18.16; Massachusetts Agricultural, 18.26½; Cornell, 18.32; Bowdoin, 18.49½; Trinity, 19.32; Williams, 19.45.

1874, July 18. At Saratoga, N. Y., three miles straight, Columbia, 16.42; Wesleyan, 16.50; Harvard, 16.54; Williams, 17.08, Cornell, 17.31; Dartmouth, 18.00; Trinity, 18.23; Princeton, 18.38; Yale fouled and was withdrawn.

1875, July 14. At Saratoga, N. Y., Cornell, 16.53½; Columbia, 17.04½; Harvard, 17.05, Dartmouth, 17.10½; Wesleyan, 17.13½; Yale, 17.14½; Amherst, 17.29½; Brown, 17.33½; Williams, 17.43½; Bowdoin, 17.50½; Hamilton and Union not timed; Princeton was withdrawn.

1876, July 19. At Saratoga, N. Y., Cornell, 17.01½; Harvard, 17.05½; Columbia, 17.08½; Union, 17.27½; Wesleyan, 17.58½; Princeton, 18.10. Yale refused to enter, but rowed Harvard an eight-oared race.

FRESHMEN EIGHTS.

Previous to 1880 a number of races were rowed by "Freshmen" crews of the several universities and colleges, with six oars. In 1880 an agreement was entered into by Harvard and Columbia to row an eight-oared race annually at two miles straightaway. Subsequently, first Yale, then Cornell, and finally University of Pennsylvania were admitted to these races, and after 1885 each annual contest was between some two, three, or four of these five universities.

Date.	Course.	Winner.	Time.	Loser.	Time.
July 7, 1880	New London, Ct.	Harvard	11.32	Columbia	11.37
June 30, 1881	Back Bay, Boston	"	9.05¾	"	9.21¾
July 1, 1882	Harlem River, N. Y.	Columbia	10.56	Harvard	11.10
June 27, 1883	New London, Ct	Harvard	11.03	Columbia	11.22
June 26, 1884	" "	Columbia	9.43½	Harvard	9.54
June 25, 1885	" "	Harvard	12.22	Columbia	13.12
July 1, 1886*	" "	"	11.53	"	12.10
June 30, 1887	" "	Columbia	11.13¾	Harvard	11.35
June 28, 1888	" "	"	11.54	"	12.08
June 27, 1889	" "	Harvard	12.21	Columbia	12.28
June 24, 1890	" "	Cornell	11.06¼	Yale Columbia	11.25 11.29
June 27, 1890	" "	Columbia	10.54	Harvard	10.57
June 24, 1891	" "	"	9.41	Yale Harvard	9.53½ 9.56
June 9, 1892	Ithaca, N. Y.	Cornell	10.56	Columbia	11.24
July 1, 1892	New London, Ct	Yale	12.03½	Columbia Harvard	12.20 12.28
June 28, 1893	" "	"	10.23	" Columbia	10.47 11.02
June 28, 1894	" "	"	11.15	" Harvard	11.24 11.56
June 27, 1895	" "	"	10.28	" Columbia	10.33 11.18½
June 25 1896	Poughkeepsie, N. Y.	Cornell	10.18	Harvard U. of P. Columbia	10.22 10.26½ 10.51
June 23, 1897	" "	Yale	9.19½	Harvard Cornell	9.26½ 9.29½
June 30, 1897	" "	Cornell	9.21 1-5	Columbia U. of P.	9.22 3-5 9.23 1-5
June 23, 1898	New London, Ct	Yale	11.22 3-5	Harvard Cornell	11.23 1-5 11 26½
July 2, 1898	Saratoga Lake, N Y.	Cornell	10.57 3-5	Columbia U. of P.	11.12 11.13
June 26, 1899	Poughkeepsie, N. Y.	"	9.55	Columbia U. of P.	10.00 10.10
June 29, 1899	New London, Ct.	Harvard	9.33½	Yale	9.40½

*Yale sank at half-way.

INTERCOLLEGIATE ROWING ASSOCIATION.

In 1883 and afterward a race for fours was rowed at a mile and a half straight, under the auspices of the Intercollegiate Rowing Association.

1883, July 4. At Lake George, N. Y., Cornell, 11.57; University of Pennsylvania, 12.29; Princeton, 12.40; Wesleyan, 12.47.

1884, July 7. At Saratoga, N. Y., University of Pennsylvania, 8.39¾; Cornell, 8.41; Princeton, 8.49; Columbia, 9.25, and Bowdoin, not timed.

1885, July 4. At Lake Quinsigamond (Worcester), Mass., Cornell finished first in 9.10½, followed by Brown, Bowdoin, and University of Pennsylvania. Referee decided Cornell disqualified for a foul, ordered Brown and Bowdoin to row over, and placed University of Pennsylvania third. July 15, same course, Bowdoin, 8.26; Brown, second.

1886, July 3. At Lake George, N. Y., Bowdoin, 8.06; University of Pennsylvania, second. Won by 1½ lengths.

1887, July 5. At Lake Quinsigamond, Cornell defeated Bowdoin by 2 feet, in 9.28¾.

SUBSEQUENT INTER-UNIVERSITY RACES.

After the demise of the Intercollegiate Rowing Association races were rowed as follows:

1889, June 27. A match between Cornell, Columbia, and University of Pennsylvania, in eight oared shells, was rowed at three miles over the New London course, from Winthrop's Point, up river, Cornell winning somewhat easily, Columbia second. Time not accurately taken, owing to darkness. Said to be between 15 3 and 16 4

UNIVERSITY BOAT-RACING—*Continued.*

1890, June 26. Cornell defeated University of Pennsylvania by six lengths in a three-mile race at New London. Time, 14.43.

1891, June 25. Cornell defeated University of Pennsylvania by six and Columbia by thirteen lengths in a three-mile race at New London. The time, 14.27½, breaks record.

1892, June 15. Cornell defeated University of Pennsylvania by six lengths in a three-mile race at Ithaca. The time was 17.26.

1893, July 8. Cornell defeated University of Pennsylvania in a four-mile race at Lake Minnetonka. The time was 23.52.

1894, June 16. Cornell defeated University of Pennsylvania in a four-mile race by two and a half lengths on the Delaware. Time, 21 12½.

1895, June 24. Columbia defeated Cornell in a four-mile race by six lengths on the Hudson River at Poughkeepsie. Time, 21.25. University of Pennsylvania did not enter on account of a damaged boat.

1896, June 26. At Poughkeepsie. Cornell, 19.59; Harvard, 20.08; Pennsylvania, 20.18; Columbia, 21.25.

1897, May 29. On Lake Saltonstall, Ct., two miles straightaway, in still water, eight-oared shells. Yale, 10.54; University of Wisconsin, 11.04.

1897, June 25. At Poughkeepsie. Cornell, 20.34; Yale, 20.44; Harvard, 21.00.

1897, July 2. At Poughkeepsie. Cornell, 20.47 4-5; Columbia, 21.20 2-5, University of Pennsylvania swamped at half-way.

1898, June 23. On the Thames River, at New London, Ct., four miles straightaway, with the tide, eight-oared shells. Cornell, 23.48; Yale, 24.02; Harvard, 24.35.

1898, July 2. On Saratoga Lake, three miles straightaway, in still water, eight-oared shells. University of Pennsylvania, 15.51½; Cornell, 16.06, Univ. of Wisconsin, 16.10, Columbia, 16 21.

1899, June 27. At Poughkeepsie, four miles straightaway, with the tide. University of Pennsylvania, 20.04; University of Wisconsin, 20.05½; Cornell, 20.13; Columbia, 20.20.

THE NATIONAL REGATTA.

The twenty-seventh annual regatta of the National Association of Amateur Oarsmen was rowed on the Charles River, Boston, Mass., July 28 and 29. Course one mile and a half straightaway. The list of winners follows:

Intermediate Single Sculls—F. B. Greer, East Boston, Mass. Time, 10.49.
Association Single Sculls—John Rumohr, Rat Portage, Canada. Time, 10.25.
Championship Senior Single Sculls—E. H. Ten Eyck, Worcester, Mass. Time, 10.16¼.
Senior Pair-Oared Shells—Vesper B. C., Philadelphia, Pa. Time, 10.33.
Intermediate Double Sculls—Jeffries Point R. A., East Boston, Mass. Time, 10.02¾.
Senior Double Sculls—Wachusetts B. C., of Worcester, Mass. Time 9.1¾.
Intermediate Four-Oared Shells—New York Athletic Club, New York. Time, 9.42.
Senior Four-Oared Shells—Pennsylvania Barge Club, Philadelphia, Pa. Time 8.48½.
Senior International Four-Oared Shells—Brockville R. C., Brockville, Ontario. Time, 9.10.
Intermediate Eight-Oared Shells—Boston Athletic Association, Boston, Mass. Time, 8.04.
Senior Eight-Oared Shells—Pennsylvania Barge Club, Philadelphia, Pa. Time, 7.40¼.

The Oxford-Cambridge Boat Races.

Year.	Date.	Winner.	Course.	Time. M.	Time. S.	Won by
1876	April 8	Cambridge	Putney to Mortlake	20	20	Won easily.
1877	March 24	Oxford / Cambridge	Putney to Mortlake	24	8*	Dead heat.
1878	April 13	Oxford	Putney to Mortlake	22	13	10 lengths.
1879	April 5	Cambridge	Putney to Mortlake	21	18	3½ lengths.
1880	March 22	Oxford	Putney to Mortlake	21	23	3¾ lengths.
1881	April 8	Oxford	Putney to Mortlake	21	51	3 lengths.
1882	April 1	Oxford	Putney to Mortlake	20	12	7 lengths.
1883	March 15	Oxford	Putney to Mortlake	21	18	3½ lengths.
1884	April 7	Cambridge	Putney to Mortlake	21	39	2¼ lengths.
1885	March 28	Oxford	Putney to Mortlake	21	36	3 lengths.
1886	April 3	Cambridge	Putney to Mortlake	22	29	¾ length.
1887	March 26	Cambridge	Putney to Mortlake	20	52†	2½ lengths.
1888	March 24	Cambridge	Putney to Mortlake	20	48	6 lengths.
1889	March 30	Cambridge	Putney to Mortlake	20	14	2½ lengths.
1890	March 20	Oxford	Putney to Mortlake	22	3	1 length.
1891	March 21	Oxford	Putney to Mortlake	22	0	¼ length.
1892	April 9	Oxford	Putney to Mortlake	19	21	2¼ lengths.
1893	March 22	Oxford	Putney to Mortlake	18	47	2½ lengths.
1894	March 17	Oxford	Putney to Mortlake	21	38	3½ lengths.
1895	March 29	Oxford	Putney to Mortlake	20	50	1½ lengths.
1896	March 28	Oxford	Putney to Mortlake	20	1	½ length.
1897	April 3	Oxford	Putney to Mortlake	19	11 4-5	2½ lengths.
1898	March 26	Oxford	Putney to Mortlake	22	15	12 lengths.
1899	March 25	Cambridge	Putney to Mortlake	21	4	3¼ lengths.

* In 1877 the Oxford bow damaged his oar. † In 1887 Oxford No. 7 broke his oar.

Cricket.

(Revised to December 1, 1899.)

THE season of 1899 finished with its customary series of international matches. Prince Ranjitsinhji brought over with him a team of English amateurs, undoubtedly the strongest that has visited this country; in fact, one of the best teams that it would be possible for any one to secure in England at the present time. The Prince is undoubtedly the foremost cricketer to-day, and he was fortunate in having among his team six other players worthy of a position on an All-England Eleven.

The schedule was short, only five games being played, but the team came over at such a late date that it was practically impossible to arrange more games. The Englishmen won three games in a most decisive manner. A summary of the games and the averages follow:

Sept. 25, 26, 27, at Elmwood, Philadelphia: Prince Ranjitsinhji's XI., 185, Philadelphia Colts' XXII., 205 and 95 for ten wickets. Sept. 29, 30, Oct. 2, at Haverford, Philadelphia: Prince Ranjitsinhji's XI., 435; Gentlemen of Philadelphia, 156 and 106. Oct. 4, 5, at Livingston, Staten Island, N. Y.: Prince Ranjitsinhji's XI., 330 New York XIV., 149 and 132 for ten wickets. Oct. 7, 9, 10, at Manheim, Philadelphia: Prince Ranjitsinhji's XI., 363, Gentlemen of Philadelphia, 85 and 147. Oct. 12, 13, at Toronto, Canada: Prince Ranjitsinhji's XI., 267 (declared for seven wickets); Canada, 87 and 174.

BATTING AVERAGES.

Batsman.	Inns.	Not Out.	Most in Inns.	Runs.	Aver.	Batsman.	Inns.	Not Out.	Most in Inns.	Runs.	Aver.
A. E. Stoddart	5	1	74	234	58.50	C. I. Robson	5	2	41	85	28.33
A. C. MacLaren	4	0	149	231	57.75	C. L. Townsend	5	0	28	96	19.20
K. S. Ranjitsinhji	3	0	68	167	55.66	S. M. J. Woods	4	0	38	48	12.00
G. Brann	4	1	137*	150	50.00	G. C. B. Llewellyn	5	1	20*	39	9.75
G. L. Jessop	5	0	66	201	40.20	W. P. Robertson	5	1	8*	10	2.50
B. J. T. Bosanquet	5	0	56	193	38.60	A. Priestley	..	..	..	..	..

* Not out.

BOWLING AVERAGES.

Bowler.	Balls.	Maidens.	Runs.	Wickets.	Aver.	Bowler.	Balls.	Maidens.	Runs.	Wickets.	Aver.
G. L. Jessop	582	55	129	24	5.37	B. J. T. Bosanquet	389	34	103	9	11 44
G. Brann	55	5	11	2	5.50	C. L. Townsend	225	13	91	7	13 00
C. I. Robson	120	3	58	7	8.27	S. M. J. Woods	465	29	210	13	16.15
A. E. Stoddart	661	68	215	22	9.77	K. S. Ranjitsinhji	60	8	17	0	.00
G. C. B. Llewellyn	776	66	245	22	11.13	A. C. MacLaren	20	2	9	0	.00

UNITED STATES VS. CANADA.

The annual international cricket match between Canada and the United States was played on the grounds of the Rosedale Club, Toronto, Canada, August 7 and 8. The match was one of the most interesting and closely contested played in years, and resulted in a win for the United States team by 34 runs. The scores were as follows; United States, 206 and 219. Canada, 222 and 169.

THE HALIFAX CUP.

The contests for the championship of the principal clubs of Philadelphia resulted as follows:

Clubs.	Played.	Won.	Lost.	Clubs.	Played.	Won.	Lost.
Germantown	16	12	4	Philadelphia	10	4	6
Merion	10	6	4	Radnor	10	0	10
Belmont	10	6	4				

METROPOLITAN DISTRICT LEAGUE.

In the Metropolitan District League series the summary for the season and the averages for the first ten men was as follows:

Clubs.	Played.	Won.	Lost.	Drawn.	Clubs.	Played.	Won.	Lost.	Drawn.
K. A. C. (Team "A").	*9	8	1	1	Staten Island	10	4	6	0
K. A. C. (Team "B").	*9	7	2	1	New York	10	4	6	0
Manhattan	10	5	3	2	Newark	*8	0	10	0

* Newark Club forfeited one game to each of the Knickerbocker Clubs.

LEAGUE BATTING AVERAGES.

Batsman.	Inns.	Not Out.	Most in Inns.	Runs	Aver	Batsman.	Inns.	Not Out.	Most in Inns.	Runs.	Aver.
M. R. Cobb*	9	3	92	363	60.50	C. W. T. Stiles*	4	2	48	87	43.50
C. P. Hurditch*	5	1	101	241	60.25	C. H. Clarke†	9	1	86‡	326	40.75
J. F. Curran*	3	1	49	113	56.50	F. F. Kelly*	5	2	49‡	122	40.66
H. C. Wright*	7	3	101‡	207	51.75	J. Forbes*	2	1	33	37	37.00
C. E. H. Griffith, S. I.	3	2	30‡	51	51.00	J. Adam, Manhattan	10	1	94‡	300	33.33

*Knickerbocker A. C. "A." † Knickerbocker A. C. "B." ‡ Not out.

LEAGUE BOWLING AVERAGES.

Bowler.	Balls.	Maidens.	Runs.	Wickets.	Aver.	Bowler.	Balls.	Maidens.	Runs.	Wickets.	Aver.
J. E. Roberts, N. Y.	313	12	119	22	5.40	R. Bonner, S. I.	199	3	106	11	9.63
F. F. Kelly*	706	32	270	36	7.50	J. Seignior, N. Y.	155	3	100	10	10.00
A. Smedley†	173	7	62	8	7.75	N. S. Walker, S. I.	448	12	219	20	10.95
M. R. Cobb*	810	35	333	37	9 00	J. H. Tattersall†	571	21	216	19	11.57
A. V. Clarke‡	531	22	258	28	9.21	C. H. Clarke‡	672	17	392	32	11.62

*Knickerbocker A. C. "A." † Manhattan. ‡ Knickerbocker A. C. "B."

CRICKET—*Continued.*

NEW YORK CRICKET ASSOCIATION.

The following are the records for the association championship series and the averages of the first ten men:

Clubs.	Played.	Won.	Lost.	Drawn.	Clubs.	Played.	Won.	Lost.	Drawn.
Paterson (Team A)..	10	8	0	2	Manhattan II.....	10	2	4	4
Kearny..... ...	10	5	3	2	Kings County.....	10	2	6	2
Brooklyn.....	10	4	4	2	Paterson (Team B)..	10	2	6	2

ASSOCIATION BATTING AVERAGES.

Batsman.	Inns.	Not Out.	Most in Inns.	Runs.	Aver.	Batsman.	Inns.	Not Out.	Most in Inns.	Runs.	Aver.
A. Brown*.....	9	1	100‖	235	29.37	G. Williams‡.....	10	2	33‖	114	14.25
W. Bunce†.....	9	3	51	161	26.83	J. Rose§.....	6	1	30	66	13.20
J. Pedlow*.....	9	0	55	181	20.11	W. Clarkson†.....	10	2	24‖	99	12.39
N Graham†.....	6	1	26	75	15.00	I. J. P. Kelley§.....	8	1	26	79	11.28
F. G. Warburton†...	10	0	50	149	14.90	H. O. Wilkinson§....	4	0	39	45	11.25

* Brooklyn. † Paterson "A." ‡ Kings County. § Manhattan. ‖ Not out.

ASSOCIATION BOWLING AVERAGES.

Bowler.	Balls.	Maidens.	Runs.	Wickets.	Aver.	Bowler.	Balls.	Maidens.	Runs.	Wickets.	Aver.
L. Livingston*.....	233	9	58	27	2.14	A. Rice*.....	438	14	159	25	6.36
J. W. Hooper†.....	558	31	160	24	4.70	A. G. Rainbow§.....	585	11	267	40	6.67
W. Dodds‡.....	442	14	138	29	4.75	M. McHale*.....	204	6	87	13	6.69
H. Rushton‡.....	641	30	234	40	5.85	W. S. Patmore‖.....	381	11	165	22	7.50
J. W. Taylor§.....	329	5	127	21	6.04	A. Brown‖.....	343	10	157	20	7.85

* Kearny. † Paterson "A." ‡ Manhattan. § Paterson "B." ‖ Brooklyn.

Croquet—Roque.

The eighteenth annual tournament of the National Croquet Association was held on the lawns of the Norwich Croquet Club, at Norwich, Ct., August 15 to 19. The championship was won by C. G. Williams, of Washington (a newcomer), who won his series with a record of 12 games won and 2 lost. W. H. Wahly, of Washington (last year's champion), was second, with 11 games won and 3 lost.

In the second division Washington's representative was again successful, and first honors were won by P. N. Peck, with a record of 13 games won and 1 lost.

First honors in the third division resulted in a tie between W. H. Congdon, of Norwich, and H. Wahly, of Washington, with scores of 10 games won and 1 lost.

Mr. Wahly could not remain to play off the tie game, which was awarded to Mr. Congdon.

Owing to the scientific development of the game, as played by members of the National Association as distinguished from the old time or ordinary croquet, the Association has considered it advisable to change the name to the National Roque Association under which title it will hereafter be known.

Weight-Throwing, Hammer-Throwing, Shot-Putting.

(Revised to December 1, 1899.)

(A W) American and also world's record. (A) American record (W) World's record, made abroad.

Event.	Amateur. Name.	Distance. Ft.	In.	Professional. Name.	Distance. Ft.	In.
Throwing 56-lb. weight from 7-ft. circle..	J. S. Mitchel (A W).	35	10½	P. Foley (A).....	28	5
Throwing 56-lb. weight, standing at mark	J. S. Mitchel (A W).	27	4	.....	....	
Throwing 56-lb. weight, bet. legs, standing	W. J. M. Barry (W).	27	0	.....	....	
Throwing 56-lb. weight for height.....	J. S. Mitchel (A W).	15	6⅜	.....	....	
Throwing 56-lb. weight over a bar.....	J. S. Mitchel (A W).	13	7¾	.....	....	
Throwing 12-lb. hammer, standing.....	W. L. Coudon (A W).	124	11	G. Perrie (A W).....	133	5½
Throwing 12-lb. hammer from 7-ft. circle.	W. L. Coudon (A W).	164	2	T. Carroll (A W)....	183	6
Throwing 14-lb. hammer, standing.....	W. L. Coudon (A W).	115	4	.....	....	
Throwing 14-lb. hammer from 7-ft. circle.	.....	....		.....	....	
Throwing 16-lb. hammer, standing.....	W. O. Hickok (A W).	113	11	G. H. Johnstone (W).	119	0½
Throwing 16-lb. hammer from 7-ft. circle	J. Flanagan (A W)..	167	8	T. Carroll (A W).....	165	0
Throwing 16-lb. hammer from 9-ft. circle.	J. Flanagan (A W)...	158	4½	.....	....	
Throwing 21-lb. hammer, standing.....	C. Queckberner (A W)	82	3½	G. Davidson (W)....	79	0
Throwing 21-lb. hammer from 7-ft. circle.	C. Queckberner (A W)	90	3	T. Carroll (A W).....	112	1½
Throwing 21-lb. hammer from 9-ft. circle.	.....	....		T. Carroll (A W).....	121	10
Putting 12-lb. shot*.....	G. R. Gray (A W)....	55	2	J. McPherson (A W).	50	0½
Putting 14-lb. shot*.....	G. R. Gray (A W)....	51	5½	C. J. Currie (W).....	51	4
Putting 16-lb. shot*.....	G. R. Gray (A W)....	47	0	G. Perrie (W).....	44	8
Putting 18-lb. shot*.....	G. R. Gray (A W)....	41	9½	.....	....	
Putting 20-lb. shot*.....	G. R. Gray (A W)....	38	7½	J. D. McPherson (W)	40	11¼
Putting 22-lb. shot*.....	D. McKinnon (W)....	35	10½	C. McLear (W).....	37	8
Putting 24-lb. shot*.....	G. R. Gray (A W)....	33	11¾	.....	....	
Throwing discus (4½ lbs.) from 7-ft. circle	C. Henneman (A W).	118	9	.....	....	

* Amateur style, 7-ft. run. Professional style, 7-ft. 6-in. run.

Running Records.

(World's records only. Revised to December 1, 1899.)

Distance.	Professional.	Time.	Amateur.	Time.
		M. S.		M. S.
50yds	H. M. J'nson	5¼	L. E. Myers	5½
60 "			L. E. Myers	6 2-5
75 "	James Quirk	7¼	L. H. Cary	7 3-5
75 "			B. J. Wefers	7 3-5
80 "			W. Baker	8
100 "	E. Donovan	9 3-5	J. Owen, Jr.	9 4-5
100 "			B. J. Wefers	9 4-5
100 "			W. T. Macpherson.	9 4-5
100 "			J. H. Hempton.	9 4-5
100 "			J. H. Maybury.	9 4-5
100 "			J. H. Rush.	9 4-5
110 "			CH Sherrill	11 1-5
110 "			W. Baker	11 1-5
110 "			L. H. Cary	11 1-5
120 "	Geo. Seward	11½	B. J. Wefers	11 2-5
125 "			CH Sherrill	12 2-5
130 "	W. Johnson	12½	W. Baker	13
131½ "	H. Hutchens	12 2-5		
135 "			CA Bradley	13 3-5
140 "	H. Hutchens	13½		
150 "	H. Hutchens	14½	B. J. Wefers	14 3-5
180 "			W. Baker	18
200 "	Geo. Seward	19½	EH Pelling	19 4-5
200 "			A R Downer	19 4-5
220 "	H. Hutchens	21 4-5	B. J. Wefers	21
250 "	H. Hutchens	25¼	W. T. Macpherson.	24 3-5
300 "	H. Hutchens	30	B. J. Wefers	30 3-5
350 "	H. Hutchens	38 2-5	L. E. Myers	36 4-5
400 "	A. R. Downer	44 4-5	W C Downs	43
440 "	R. Buttery	48¼	W. Baker	47¾
500 "	J. Powers	59	T. E. Burke	57 4-5
600 "	J. Nuttal	1 13	T. E. Burke	1 11
600 "	E. C. Bredin	1 13		
660 "			L. E. Myers	1 22
700 "	J. Pudney	1 29	L. E. Myers	1 31
800 "			L. E. Myers	1 44 2-5
880 "	F. S. Hewitt	1 53½	C. H. Kilpatrick.	1 53 2-5
1000 "	W. Cum'ings	2 17	L. E. Myers	2 13
1320 "	W. Richards	3 07	T. P. Con'eff	3 02 4-5
1 m.	W. G. George	4 12¾	T. P. Con'eff	4 15 3-5
1¼ "	W Lang	5 30	T. P. Con'eff	5 38 4-5
1½ "	W. Cum'ings	6 43½	T. P. Con'eff	6 46 2-5
1¾ "			WG George	8 08 1-5
2 "	W. Lang	9 11½	WG George	9 17 2-5
2½ "	P. Cannon	12 06 1-5	WG George	12 06
2¾ "			S. Thomas	12 06
3 "	P. Cannon	14 19½	S. Thomas	14 24

Distance.	Professional.	Time.	Amateur.	Time.
		H. M. S.		H. M. S.
3½m	P. Cannon	17 02 1-5	WG George	17 10
4 "	P. Cannon	19 25 3-5	G Crossland	19 28 3-5
4½ "	J. Grant	22 48	S. Thomas	22 25
5 "	J. White	24 40	S. Thomas	24 53 3-5
5½ "	C. Price	28 36 1-5	S. Thomas	27 42 3-5
6 "	J. White	29 50	S. Thomas	30 17 4-5
6½ "	C. Price	34 02 1-5	S. Thomas	32 56 2-5
7 "	J. White	34 45	S. Thomas	35 36 4-5
7½ "	C. Price	39 25 1-5	S. Thomas	38 18
8 "	J. Howitt	40 20	WG George	40 57 2-5
8½ "	C. Price	44 50 1-5	WG George	43 33
9 "	J. Howitt	45 21	WG George	46 12
9½ "	C. Price	50 09 3-5	WG George	48 51
10 "	W. Cum'ings	51 06 3-5	WG George	51 20
10½ "	F. E. Bacon	53 49		
11 "	F. E. Bacon	56 28	WG George	57 09 3-5
11½ "	F. E. Bacon	59 03		
12 "	L. Bennett (Deerfoot).	1 02 02½	S. Thomas	1 02 43
13 "	J. Howitt	1 10 31	S. Thomas	1 10 55 2-5
14 "	J. Howitt	1 16 12	S. Thomas	1 16 41 1-5
15 "	J. Howitt	1 22 00	S. Thomas	1 22 15 2-5
16 "	J. Howitt	1 28 06	G Crossland	1 28 46
17 "	Len Hurst	1 34 15	G Crossland	1 34 27
18 "	Len Hurst	1 40 48	G Crossland	1 40 10
19 "	Len Hurst	1 48 05	G Crossland	1 46 00
20 "	P. Byrnes	1 54 00	G Crossland	1 51 54
21 "	G. Mason	2 08 36	G A Dun'ng	2 06 10
22 "	G. Mason	2 16 17	G A Dun'ng	2 12 48
23 "	G. Mason	2 23 33	G A Dun'ng	2 19 50
24 "	G. Mason	2 30 04	G A Dun'ng	2 27 05
25 "	G. Mason	2 36 34	G A Dun'ng	2 33 44
30 "	G. Mason	3 15 09	I. A. Squires	3 17 36½
40 "	J. Bailey	4 34 27	J. E. Dixon	4 46 54
50 "	G. Cartwrig't	5 55 04½	J. E. Dixon	6 18 26 1-5
60 "	G. Cartwrig't	7 30 33	W C Davies	8 23 30
70 "	G. Littlew'd	9 03 15	W C Davies	10 09 25
80 "	G. Littlew'd	10 33 50	W C Davies	11 45 40
90 "	C. Rowell	12 00 15	A W Sinclair	15 00 00
100 "	C. Rowell	13 26 30	J. Saunders	17 36 14
110 "	C. Rowell	15 20 45	J. Saunders	20 13 10
120 "	C. Rowell	16 48 10	J. Saunders	22 47 23
130 "	C. Rowell	19 04 45		
140 "	C. Rowell	20 50 30		
150 "	C. Rowell	22 28 25		
200 "	C. Rowell	35 09 28		
300 "	C. Rowell	58 17 06		
383 "	C. Rowell	80 13 45		
450 "	J. Albert	95 26 18		
500 "	P. Fitzger'ld	109 18 29		
560 "	G. Hazael	125 24 45		
623 "	G. Littlew'd	141 40 30		

Greatest distance run in one hour—11 miles 1,243 yards, by F. E. Bacon, at Rochdale, England, June 19, 1897. By an amateur, 11 miles 932 yards 9 inches, W. G. George, London, England, July 28, 1884. G. Crossland (amateur) ran 20½ miles in 1 h. 54 m. 37 s., at London, England, Sept. 22, 1894. A Mile in Four Starts.—L. E. Myers covered the distance in 3 m. 31 4-5 s., at New York, Oct. 22, 1883. One-Mile Relay Race.—3 m. 21 2-5 s., New York Athletic Club team, M. W. Long, H. S. Lyons, T. E. Burke, and B. J. Wefers, on Manhattan Field, New York, Aug. 28, 1897. Each man ran 440 yards.

Amateur Hurdle-Racing Records.

Distance.	Hurdles.	Height.	Name.	Time.
Yards.		Ft. In.		Sec.
40	3	3 6	T. P. Curtis	5 4-5
60	5	2 6	A. A. Jordan	8 1-5
60	5	3 6	A. A. Jordan	8 3-5
70	5	3 6	S. Chase	9 1-5
80	7	2 6	A. A. Jordan	10½
80	7	3 6	A. A. Jordan	11¼
100	8	2 6	A. F. Copeland	12 4-5
100	8	3 6	H. L. Williams	13½
120	10	2 6	A. F. Copeland	14 3-5
120	10	3 6	A. C. Kraenzlein.	15 1-5
135	10	3 6	G. B. Shaw	17
138	10	3 6	W. R. Pollock	18
140	10	3 6	G. B. Shaw	18 1-5
145	10	3 6	G. B. Shaw	18 3-5
200	10	3 6	F. C. Puffer	26 3-5
200	12	3 6	D. Morgan	28½
220	8	3 0	G. B. Shaw	26 4-5

Distance.	Hurdles.	Height.	Name.	Time.
Yards.		Ft. In.		Sec.
220	9	3 6	J. B. Hanna	29 3-5
220	10	2 6	A. C. Kraenzlein.	23 3-5
220	10	3 0	C. T. Wiegand	28 4-5
220	10	3 6	J. Lafon	34½
250	10	2 6	G. Schwegler	31 4-5
300	10	2 6	A. C. Kraenzlein.	36 3-5
300	6	3 0	G. B. Shaw	36 3-5
300	10	3 6	G. B. Shaw	39 2-5
300	10	3 6	T. M. Donovan	39 2-5
1-5 mile	10	2 6	F. C. Puffer	44 4-5
440	10	2 6	J. Buck	56 2-5
440	10	3 0	G. B. Shaw	57 1-5
440	10	3 6	A. H. Holder	58 4-5
440	12	3 0	S. Morris	59 4-5
440	16	2 6	H. H. Moritz	64
440	20	3 6	W. H. McAlister	69

Canoeing.

THE twentieth annual meeting of the American Canoe Association was held at Hay Island, in the St. Lawrence River, August 4 to 18. The first week was, as usual, principally given up to preparation, and the second week to racing. A summary of the races follows:

Combined Sailing and Paddling, decked canoes—Won by J. R. Stewart's Wasp, Irondequit Club.
Novice Sailing—Won by F. G. Palmer's Hoonyali, New York.
Trophy Sailing—Won by C. E. Archibald's Mab, Royal Canadian.
War-Canoe Race, A. C. A. championship—Won by Ah-Yan-Dora-Wah, of the Bohemian Club, of Brockville.
Open-Canoe Sailing—Won by C. E. Archibald's Mab II.
Combined Sailing and Paddling, open canoes—Won by C. E. Archibald's Mab II.
Atlantic Division Cup—Won by Louis May's Aziz, New York.
Central Division Cup—Won by C. B. Forbush.
Western Division Cup—Won by F. B. Huntington's Norma, Milwaukee Club.
Trophy Paddling—Won by J. Smith.
Paddling, double blades—Won by J. Smith.
Tandem Paddling—Won by F. Taylor and J. Smith, Toronto Club.
Paddling, single blades—Won by J. Smith.
Novice Paddling—Won by R. H. Parmenter.
Paddling, four men—Won by Percival, Lynch, McNeil, and Stott, of Britannia Club.
Gardiner Cup (Western Division, paddling)—Won by W. M. Clark.

There was no start for the Dolphin Trophy, and no entries for the ladies' single and tandem paddling events.

The feature of the meet was the great interest taken in the war-canoe championship, which was paddled over a course of one mile straight. No less than seven canoes, with crews of fifteen each, were entered; the contest was keen, the winners having only a few feet to the good at the finish.

Fly-Casting Records.

THESE casts, except as stated below, were made at the National Rod and Reel Association tournaments, held at Central Park, New York, and the statement of records was contributed to THE WORLD ALMANAC by Mr. A. N. Cheney, of Glens Falls, N. Y.

Light Rod Contest (rods not to exceed 5 ounces in weight): Reuben C. Leonard, 95 feet, made 1888.

Light Rod Contest (rods not to exceed 5¾ ounces in weight): Peter Cooper Hewitt, 100 feet 5½ inches. Madison Square Garden, 1897.

Single-Handed Fly-Casting, Amateur: R. C. Leonard, 85 feet, made 1882; R. B. Lawrence, 85 feet, made 1888.

Switch Fly-Casting: H. W. Hawes, 102 feet, made 1887, with trout rod 11 feet long.

Single-Handed Fly-Casting, Expert (Out of Doors): W. D. Mansfield, 133 feet, 1899, San Francisco. [Note.—Mr. Mansfield is an expert only in the sense that he outclasses all competitors, not being a professional in any respect.]

Single-Handed Fly-Casting, Expert (Indoors): R. C. Leonard, 120 feet. Madison Sq. Garden, 1898.

Salmon Casting: H. W. Hawes, 138 feet, made 1888.

Minnow Casting for Black Bass: F. B. Davidson, average of five casts, 167 1-5 feet. Made at Chicago, Ill., August 25, 1894.

Minnow Casting for Black Bass: E. C. Sturges, average of five casts, 140 feet 11 inches. Made at Camp Lake, Wisconsin, July 4, 1891.

Striped Bass Casting (Light): H. W. Hawes, average of five casts, 129 6-10 feet, made 1884.

Striped Bass Casting (Heavy): Longest single cast, W. H. Wood, 250 feet, made 1885.

* *Striped Bass Casting (Heavy):* John A. Roosevelt, average of five casts in lane 35 feet wide, 204 feet 3 inches. Made 1884.

Fly Casting for Black Bass: R. C. Leonard, 101½ feet. Madison Square Garden, 1897.

* This is a world's record for casting in a lane.

ENGLISH FLY AND BAIT CASTING RECORDS.

(These records were compiled by Mr. A. N. Cheney for THE WORLD ALMANAC.)

SALMON FLY-CASTING, AMATEUR.

*J. J. Hardy (1895)	140 ft. 3 in.
*John Enright (1896)	147 feet

SALMON FLY-CASTING, SCOTCH PROFESSIONAL.

J. Stevens	126 feet

SALMON SWITCH-CASTING, AMATEUR.

C. M. P. Burns	108 feet

TROUT FLY-CASTING—SINGLE-HANDED ROD.

Mr. P. D. Mallock	†92 feet	Mr. R. B. Marston,	tie ‡74 feet
Mr. Reuben Wood (of Syracuse, N. Y.)	82 ft. 6 in.	Mr. Hyde Clark,	

TROUT FLY-CASTING—TWO-HANDED ROD.

John Enright	111 feet

TROUT FLY-CASTING—TEN-FOOT ROD.

Edgar S. Shrubsole (1896)	90 feet

THAMES BAIT-CASTING, AMATEUR.§		NOTTINGHAM BAIT-CASTING, AMATEUR.‖	
Mr. R. Gillson	191 ft. 11 in.	J. T. Emery (1896)	½ oz. lead, 214 feet
LONGEST CAST HEAVY (3-OUNCES) SINKER.		J. T. Emery (1896)	1¼ oz. lead, 204 ft. 6 in.
Mr. Hobden	216 feet		

NOTE—In minnow casting for black bass, Mr. Davidson used a half-ounce sinker. Mr. Sturges used a quarter-ounce sinker. Under these conditions Mr. Sturges made a single cast of 148 feet, and Mr. Davidson a single cast of 173 feet.

* Mr. Hardy's cast was made in a tournament with a rod of 18 feet. Mr. Enright's cast of 147 feet was made in a tournament with a 20-foot salmon rod. Afterward with the same rod he made an exhibition cast, before reliable witnesses, of 151 feet 3 inches.

† This distance was made by measuring the line after casting.

‡ This cast of Messrs. Marston and Clark is given in English reports as the best, but for some unknown reason Mr. Wood's cast of 82 feet 6 inches and Mr. George M. Kelson's cast of 81 feet have been entirely overlooked, although both are records at an international tournament.

§ In Thames casting the line is coiled at the feet of the caster.

‖ In Nottingham casting the cast is made from the reel, as is done in America.

Yachting in 1899.

THE eleventh contest for the America's Cup was the chief yachting event of the year. The Royal Ulster Yacht Club challenged for the cup on behalf of Sir Thomas Lipton, who built and brought over the cutter Shamrock. The Shamrock was built by Thorneycroft at Milwall, near London, from designs by Will Fife, Jr. The yacht was built of manganese bronze, with aluminum topsides, and her spars were of nickel steel. For the defence of the cup, Commodore J. Pierpont Morgan, of the New York Yacht Club, placed an order with the Herreshoffs, and the Columbia was built at Bristol and successfully launched by moonlight on June 10. C. Oliver Iselin was made manager of the yacht. The Defender was put in commission and given a steel mast to be used as a trial boat. W. Butler Duncan, Jr., was put in charge of this boat. Captain Charles Barr was engaged as skipper of the Columbia, and the yacht was manned with sailors from Deer Island, Me. Captain Rhoades had charge of the Defender, and the crew were Scandinavian sailors. The two yachts met in several races during the year, and Columbia won every event, although the margin in some races was very small. The record of these races is as follows:

Date.	Course.	Miles.	Wind.	Time.	Won By.
				H. M. S.	M. S.
July 6	Triangle, Sandy Hook	30	Light to fresh	3 47 55	3 33
July 8	Triangle, Larchmont	30	Fresh	2 43 16	3 13
Aug. 8	New London to Gardiner's Bay	30	Fresh	3 38 37	4 01
Aug. 9	Gardiner's Bay to Newport	43	Light	5 27 27	22 25
Aug. 10	Newport to Vineyard Haven	37½	Strong	3 00 38	1 14
Aug. 11	Vineyard Haven to New Bedford	..	Calms	. .. ...	*
Aug. 12	New Bedford to Newport	22¾	Calms	4 38 58	19 02
Aug. 14	Triangle, Newport	37½	Light to fresh	4 58 19	13 07
Aug. 15	Triangle, Newport	21	Light	3 53 35	8 52
Sept. 3	Newport, windward and back	30	Fresh	3 57 03	6 49
Sept. 4	Newport, triangle	30	Fresh	3 17 24	10 07
Sept. 5	Newport, windward and back	20	Light to fresh	2 33 16	3 42

* Defender did not finish.

The Columbia allowed the Defender 1.8 seconds a mile, so the Columbia won every race, the closest margin being on August 10, when she had 6.5 seconds to spare.

The Shamrock was tried twice against the Britannia and won each race by a large margin, and she was considered a dangerous boat. By special agreement with the New York Yacht Club the Erin was allowed to tow the Shamrock on the voyage across the Atlantic. The yachts left Glasgow on August 3 and were fourteen and one-half days crossing the ocean. The Shamrock crossed under yawl rig, and as soon as she reached this port she was fitted with her racing rig and then sailed off Sandy Hook to get in proper trim. The Cup races were set to begin on October 3, and a few days before that time both yachts were put in the dry-dock to be cleaned. They were measured on October 2 by John Hyslop, with the following result:

	Columbia, feet.	Shamrock, feet.		Columbia, feet.	Shamrock, feet.
Length on the load water line	89.66	87.69	Length of gaff	64.95	67.64
Length from the after end of the main boom to the forward point of measurement	181.62	189.13	Length of topmast	64.60	58.06
			80 per cent of topmast	51.60	46.45
Length from the foreside of the mast to the forward point of measurement	73.35	79.46	Height from the upper side of the main boom to the topsail halyard block	134.75	128.28
Length of spinnaker pole	73.35	79.46	Square root of the sail area	114.61	116.15
			Sailing length	102.135	101.92

On these figures the Columbia had to allow the Shamrock 6.3 seconds in the thirty-mile races.

H. F. Lippitt represented the New York Yacht Club on the Shamrock, and H. MacGildowney served for the Royal Ulster Yacht Club on the Columbia. Great precautions were taken to keep the course clear, the Government having detailed revenue cutters and torpedo boats for the service, and Captain Robley D. Evans being in charge. The yachts went out to the starting point on the morning of October 3, and were sent off in a light north-northeast wind. The course was fifteen miles to leeward and return. The wind was baffling on the way out, and first one boat then the other took the lead. Beating home the Shamrock took the lead, and when the time limit was up the finishing line was four miles away and the Shamrock led by about two hundred yards. The summary of that trial was:

	Start.	First Mark.	Finish.		Start.	First Mark.	Finish.
	H. M. S.	H. M. S.	H. M. S.		H. M. S.	H. M. S.	H. M. S.
Columbia	11 16 20	1 38 57	....	Shamrock	11 15 37	1 39 58	....

Columbia beat Shamrock 2m. 44s. on the run out.

October 5—Another attempt was made to sail the first race in a light breeze from northwest by west. The course was to leeward and return. Columbia started at 11.00.53, Shamrock at 11.01.05. It was a day of calms and baffling winds, which later in the afternoon came from the southeast, making it a beat to the mark. The race was stopped at 4.40 with Shamrock slightly in the lead and the mark boat three miles away.

October 7—The yachts started in a fair north-northeast wind to run to the outer mark. The Columbia crossed at 11.21.02, Shamrock at 11.21.19. The wind soon got light and fluky. Shamrock turned the outer mark at 1.36.25, having gained twenty-six seconds on the run. Columbia turned at 1.36.34. The wind at this time was very light. Shamrock kept her lead until the race was stopped at 4.30 o'clock, with the finishing line three miles away.

October 10—A thick fog kept the yachts at their anchorages in the Horseshoe. No race.

October 12—More fog and no wind. Race postponed again.

October 14—No wind. Another postponement.

October 16—A race was made and Columbia won. The wind was light from east, and the first leg was to windward. The Columbia got the better of the start, being to windward, and she gradually drew away from the Shamrock. The outer mark was turned at 1.48.19, and on the run home the

Columbia gained a little more. It rained during the day and was very misty. The table of the race follows:

	Start.	Outer Mark.	Elapsed.	Gain.
	H. M. S.	H. M. S.	H. M. S.	M. S.
Columbia.....	11 01 06	1 48 19	2 47 13	9 50
Shamrock.....	11 01 03	1 58 06	2 57 03	....

	Outer Mark.	Finish.	Elasped.	Gain.
	H. M. S.	H. M. S.	H. M. S.	M. S.
Columbia.....	1 48 19	3 54 59	2 06 40	0 24
Shamrock.....	1 58 06	4 05 10	2 07 04	....

	Start.	Finish.	Elapsed.	Corrected.
	H. M. S.	H. M. S.	H. M. S.	H. M. S.
Columbia..	11 01 06	3 54 59	4 53 53	4 53 53

	Start.	Finish.	Elapsed.	Corrected.
	H. M. S.	H. M. S.	H. M. S.	H. M. S.
Shamrock.	11 01 03	4 05 10	5 04 07	5 04 01

Columbia beat the Shamrock 10m. 14s. elapsed time, and 10m. 8s. corrected time.

October 17—The yachts started promptly in a fair breeze from east by south. The course was triangular, ten miles to a leg, and the compass courses were east by south, southwest one-half west, and northwest. Shamrock crossed first and after twenty-five minutes sailing parted a port shroud and carried away her topmast. By special agreement, if one boat broke down the other was to finish the race, so the Columbia sailed over the course alone. When the accident happened the boats were on even terms, Columbia being to windward. The table:

	Start.	First Mark.	Second Mark.	Finish.	Elapsed.
	H. M. S.	H. M. S.	H. M. S.	H. M. S.	H. M.
Columbia.....	11 00 17	12 39 28	1 33 27	2 37 17	3 27
Shamrock.....	11 00 15	Disabled.			

Shamrock was repaired in the Erie Basin; 3,300 pounds of lead were put on board and the yacht was remeasured. The extra lead made her water line 88.98 feet, having increased it 1.29 feet, and she had to allow Columbia 16.20s.

October 19—An attempt was made to sail the third race of the series, but the yachts could not finish in time. The wind was northwest by north and they started to leeward. After turning the outer mark the wind hauled to west, but was too light to send them home, and the race was stopped at 4.30 o'clock, with the finishing line two miles away. The table:

	Start.	Outer Mark.	Gain.
	H. M. S.	H. M. S.	M. S.
Columbia	11 01 33	2 24 45	5 51

	Start.	Outer Mark.	Gain.
	H. M. S.	H. M. S.	M. S.
Shamrock	11 02 00	2 31 03	....

October 20—In a strong breeze from north by east the Columbia won the last race. It was a run down the wind to the outer mark, and the yachts travelled nearly twelve knots an hour. Both had up working topsails. Beating back Columbia took in her topsail, and a little later Shamrock took in hers, but with half the journey over she set a club topsail. It was a grand race. Sir Thomas Lipton said he was satisfied Columbia was the better boat and that he would challenge again. The table:

	Start.	Outer Mark.	Elapsed.	Gain.
	H. M. S.	H. M. S.	H. M. S.	M. S.
Columbia.....	11 01 35	12 19 00	1 17 25	1 18
Shamrock....	11 00 34	12 19 17	1 18 43	....

	Outer Mark.	Finish.	Elapsed.	Gain.
	H. M. S.	H. M. S.	H. M.	M.
Columbia.....	12 19 00	2 40 00	2 21	5
Shamrock.....	12 19 17	2 45 17	2 26	..

	Start.	Finish.	Elapsed.	Corrected.
	H. M. S.	H. M. S.	H. M. S.	H. M. S.
Columbia..	11 01 35	2 40 00	3 38 25	3 38 09

	Start.	Finish.	Elapsed.	Corrected.
	H. M. S.	H. M. S.	H. M. S.	H. M. S.
Shamrock.	11 00 34	2 45 17	3 44 43	3 44 43

Columbia beat the Shamrock 6m. 18s. elapsed time, and 6m. 34s. corrected time.

SEAWANHAKA CHALLENGE CUP.

The Seawanhaka-Corinthian Yacht Club challenged the Royal St. Lawrence Yacht Club for the Seawanhaka Cup and sent the Constance to Montreal. The Canadian boat was the Glencairn III. The first race was sailed July 26. The course was to windward and return, and the Constance won. The times were: Constance, 2.18.28; Glencairn, 2.20.43.

The second race was sailed July 31, over a triangular course, and Constance won again. The times were: Constance, 2.04; Glencairn, 2.04.55.

The third race, to windward and return, was won by the Glencairn. The times were: Glencairn, 2.28.26; Constance, 2.31.32.

The fourth race, over a triangular course, was won by the Glencairn. The times were: Glencairn, 2.20.43; Constance, 2.26.22.

In the fifth race the Seawanhaka Club objected to the course as laid. It was changed and then the Constance grounded. The Glencairn sailed over alone. The Constance protested, but the protest was not allowed, and the cup remained in Canada.

CANADA CUP RACES.

The Canada Cup, won by the yacht Canada, of the Royal Canadian Yacht Club, some years ago, was raced for at Toronto. The challenging yacht was the Genesee, of the Rochester Yacht Club, and the defending yacht was the Beaver. The first race was sailed August 22. The Genesee won by 1m. 22s. The times at the finish were: Genesee, 3.25.10; Beaver, 3.26.32.

The second race was won by the Genesee by 39s. The times at the finish were: Genesee, 4.45.57; Beaver, 4.46.36.

The third race was also won by the Genesee, this time by 10m. 47s. The finishing times were: Genesee, 3.32.11; Beaver, 3.42.58. The Genesee was designed by Hanley, and the Beaver by Payne, of Southampton, England.

OTHER YACHTING EVENTS.

All the yacht clubs held their usual regattas. The New York and Atlantic clubs had very successful cruises, and the Larchmont Yacht Club had a week of racing on the Sound. During the New York Yacht Club cruise the cups given by Capt. J. J. Astor were sailed for. The Columbia won the $500 cup for sloops and the Amorita won the $1,000 cup for schooners.

The Gould Cup for schooners, raced for under the auspices of the Atlantic Yacht Club, was won by the Katrina.

The Atlantic Club had an ocean race from Shelter Island to Sandy Hook. The Katrina won, Sachem was second, Ramona third, and Coronet fourth.

The Larchmont Cup for schooners was won by the Colonia.

VALKYRIE-DEFENDER RACES IN 1895.

In 1895 the Valkyrie III. and Defender raced for the cup. In the first race, sailed September 7 in a light wind over a course 15 miles to windward and return, the Defender won by 8m. 49s. The times made by the two yachts were: Defender, 5.00.24; Valkyrie, 5.08.44. The Valkyrie allowed 29.10s. The second race, over a triangular course, the Valkyrie finished first by 47s., but was disqualified for fouling the Defender. The third race Defender sailed alone, Valkyrie withdrawing after the start.

The Golf Season of 1899.

ONLY two points of public importance resulted from the action of the annual meeting of the United States Golf Association. One was the promulgation of a more stringent rule defining the status of an amateur, as follows:

Section 9. No person shall be considered an amateur golfer who has played for a money prize in a match or in an open competition; or who has received money for giving lessons or exhibitions of his skill in the game of golf; or laid out or taken charge of golf links for hire; or who has ever carried clubs for hire after attaining the age of fifteen years; or who has ever personally made for sale golf clubs, balls, or any other articles connected with the game of golf, or who, after the adoption of this section as amended, shall be classed as a professional in any athletic sport.

Section 10. No person shall be eligible to compete for the amateur championship of this association who does not conform to the conditions of section 9, or who after January 1, 1897, has received compensation for services performed in any athletic organization, or who plays the game or frequents golf courses for the purpose of exploiting his business; nor shall any one be eligible to compete who hereafter shall enter any golfing competition under an assumed name. Any person having become ineligible by a violation of any of the provisions of this section may be duly reinstated upon his giving satisfactory evidence of meriting it. Only members of clubs belonging to this association and those entitled under the rules of an associate or allied club to the use of the links, in whole or in part, for a period not less than the entire current season, may compete for the amateur and women's championships. Competitors must enter for the championships through the secretaries of their respective clubs, who, in sending in their names, shall be held to certify that the players are qualified amateur golfers in accordance with the terms of sections 9 and 10.

The other was the result of a suggestion of the president, that the interests of golf needed the establishment of local associations. The suggestion resulted in the voluntary establishment of the Metropolitan Association, the Connecticut League of Golf Clubs, the Pittsburgh League, the Associated Golf Clubs of Chicago, the Central New York Golf League, the Western Golf Association.

The following officers of the United States Golf Association were appointed for the year: President, W. B. Thomas; Vice-Presidents, Ransom H. Thomas and H. T. Whigham; Secretary, R. Bage Kerr, 26 Broad Street, New York; Treasurer, George D. Fowle; Committee, John Reid and A. M. Coats.

The amateur championship was contested on the Onwentsia Links, Chicago, from Monday, July 3, to July 8, over an eighteen-hole course. The greens were in well-nigh perfect condition; the weather, excepting for rain on the first day, was faultless. There were 112 entrants, of whom thirty-two only received the preliminary round of thirty-six holes medal play. The thirty-two qualified continued the contest by playing in matched pairs; by this means the thirty-two was reduced first to sixteen; then to eight, then to four, and finally, on the last day, to two. The best score in the qualifying round was made by Charles B. Macdonald, of the Chicago Golf Club, but the match play resulted in H. M. Harriman, who entered from the Long Island Golf Club, defeating last year's champion, Findlay S. Douglas, in the final round, two up and one to play. Mr. Harriman's success marks the advent of the American-born golfers to the highest amateur honors. The following table traces the contest between the thirty-two who qualified for match play, and shows at a glance the progress of the game each succeeding day:

QUALIFIED.	July 4.	July 5.	July 6.	July 7.	July 8.
John Reid, Jr., Sterling Beckwith,	John Reid, Jr., 7 up, 6 to play.	John Reid, Jr., 1 up.			
A. M. Robbins, Richard Sykes,	A. M. Robbins, 1 up.		Walter Travis, 2 up, 1 to play.		
Walter Travis, A. H. Smith,	Walter Travis, 10 up, 9 to play.	Walter Travis, 3 up, 1 to play.			
Jasper Lynch, C. A. Lineaweaver,	C. A. Lineaweaver 1 up, 37 holes.			Findlay Douglas 2 up, 1 to play.	
Findlay S. Douglas, Wm. Waller,	Findlay Douglas, 13 up, 12 to play.	Findlay Douglas, 13 up, 11 to play.			
H. H. Cummings, D. R. Forgan,	D. R. Forgan, 2 up, 1 to play.		Findlay Douglas, 7 up, 6 to play.		
G. G. Hubbard, W. E. Eagan,	G. G. Hubbard, 8 up, 6 to play.	G. G. Hubbard, 5 up, 4 to play.			
Wm. Stuart, J. A. Tyng,	J. A. Tyng, 6 up, 5 to play.				
J. G. Thorp, Sheldon Carey,	J. G. Thorp, 8 up, 7 to play.	J. G. Thorp, 2 up, 1 to play.			
W. B. Smith, H. McBride,	W. B. Smith, 13 up, 12 to play.		C. B. Macdonald, 3 up, 2 to play.		
Wm. McCawley, Wm. Holabird, Jr.	Wm. Holabird, Jr. 6 up, 5 to play.	C. B. Macdonald, 6 up, 4 to play.			
C. B. Macdonald, Stuart Stickney,	C. B. Macdonald, 14 up, 12 to play.			H. M. Harriman, 6 up, 5 to play.	H. M. Harriman, 2 up, 1 to play.
Roderick Terry, Slason Thompson,	Roderick Terry, 2 up, 1 to play.	H. M. Harriman, 2 up.			
H. M. Harriman, W. C. Carnegie,	H. M. Harriman, 10 up, 8 to play.		H. M. Harriman, 6 up, 4 to play.		
J. F. Curtis, Walter Fairbanks,	Walter Fairbanks after 40 holes.	H. P. Toler, 2 up.			
H. P. Toler, H. C. Smith,	H. P. Toler, 4 up, 3 to play.				

Harriman's play throughout, with few exceptions, was very brilliant. Douglas in the long game was more than his equal, but in putting was erratic.

The fifth annual open championship was played September 14 and 15, over the course of the Country Club of Baltimore, Md.—one of the most difficult courses in the country, covering for the thirty-six holes (eighteen twice around) 10,838 yards of naturally rolling land. The weather was ideal throughout. The first day's medal play, September 14, reduced the seventy-nine entrants to eight, whose scores ranged from 315 to 333. All the previous champions, Willie Dunn, 1894; Horace T. Rawlins, 1895; James Foulis, 1896; Joseph Lloyd, 1897, and Fred. Herd, 1898, were among the competitors; as was H. M. Harriman, the amateur champion.

THE GOLF SEASON OF 1899—*Continued.*

The championship was won by Willie Smith, of the Midlothian Golf Club, Chicago, with a total of 315, eleven strokes better than the next three competitors. His play in rounds was:

First round	3 5 4 4 2 5 4 7 4 6 4 4 4 3 6 3 4 5—77	Fourth round	4 5 3 4 4 5 4 6 3 5 3 5 4 3 6 4 4 5—77
Second round	5 5 4 5 3 5 3 5 4 7 4 5 4 4 7 4 5 3—82		
Third round	3 5 4 4 3 4 4 5 4 6 5 5 4 4 6 4 4 5—79	Total	315

The women's championship, and putting and driving contests took place over the links of the Philadelphia Country Club, at Bala, near Philadelphia, October 10-14. Eighteen holes medal play in the qualifying round, and eighteen holes match play until the contest was determined. The links of Bala were slightly shortened for the occasion, to 5,420 yards. There were seventy-nine entrants, of whom seventy-four played in the qualifying round October 10, whereby the sixteen to continue the match play were selected. The annexed table gives all the details of the plays:

Qualifying Round, Oct. 10.		October 11.	October 12.	October 13.	October 14.
Mrs. C. F. Fox	103	Mrs. Fox, 3 up, 2 to play.	Mrs. Fox, 1 up, 20 holes.	Mrs. Fox, 1 up, 19 holes.	Miss Underhill, 2 up, 1 to play.
Miss Beatrice Hoyt	97				
Miss Florence McNeely	107	Miss Sands, 7 up, 5 to play.			
Miss Anna Sands	101				
Mrs. J. F. McFadden	107	Mrs. McFadden, 1 up, 20 holes.	Miss Oliver, 5 up, 4 to play.		
Miss Genevieve Hecker	105				
Miss May Barron	107	Miss Oliver, 3 up, 2 to play.			
Miss Marion Oliver	107				
Miss Ruth Underhill	105	Miss Underhill, 3 up, 2 to play.	Miss Underhill, 3 up, 2 to play.	Miss Underhill, 5 up, 4 to play.	
Miss Jane H. Swords	106				
Miss Pauline Mackay	104	Miss Mackay, 3 up, 2 to play.			
Miss Alice L. Day	105				
Mrs. A. DeWitt Cochrane	103	Mrs. Cochrane, 5 up, 3 to play.	Miss Cassatt, 6 up, 5 to play.		
Miss G. M. Bishop	106				
Miss F. C. Griscom	100	Miss Cassatt, 3 up, 2 to play.			
Miss Elsie Cassatt	103				

The "long driving" contest was won by Miss Marion Oliver, with a drive of 164 feet 8 inches.

The fourth intercollegiate championships were contested over the Garden City Links, October 24-28. Yale's team of five was drawn against Princeton's, and the latter won by six points to four. Harvard's team was drawn against Columbia's, and the former won, fourteen points to nothing. The concluding match was won by Harvard's team, ten points to one.

For the individual championship there were twenty-four starters over eighteen holes. The qualifying round reduced these to eight. The match round resulted as follows:

Percy R. Pyne, Princeton	86	Pyne, 4 up, 2 to play.	Pyne, 1 up.	Pyne, 1 up.
J. A. Edwards, Columbia	81			
Chas. Hitchcock, Jr., Yale	80	Hitchcock, up, to play.		
E. M. Byers, Yale	86			
John Stuart, Princeton	82	Stuart up 5 to play.	Averell, 5 up, 4 to play.	
T. M. Robertson, Yale	86			
Jas. G. Averell, Harvard	82	Averell, 6 up, 4 to play.		
G. G. Hubbard, Harvard	82			

Revolver and Pistol Records, 1899.

(Revised to December 1, 1899.)

SPORTSMEN'S ASS'N TOURNAMENT, MADISON SQUARE GARDEN, N. Y.

March 9-21—Match A, Any Revolver Championship; sights strictly open—This match called for five six-shot targets, a target to consist of six consecutive shots; Standard target, 2¾-inch bull's-eye; possible 60 points each score:

Dr. A. A. Webber, Brooklyn Revolver Club	293
Dr. R. H. Sayre, Knickerbocker Revolver Club	290
Alexander Stein, New York City	282
J. A. Dietz, New York City	282
C. Smith, Massachusetts	278

Match B, Military Revolver Championship—Standard target, 2¾-inch black; five targets of six shots each, a target to consist of six consecutive shots; distance, 20 measured yards: possible 60 points each score:

Dr. Webber	274	Z. C. Talbot	269
C. Smith	272	Effingham Wilson	254
A. L. Smith	271		

Match C, Pistol Championship—Open to all; 22-calibre pistols; targets same as in Match A; best five targets; six shots each; distance, 20 measured yards; possible 60 points each score:

Dr. Webber	284	J. B. Crabtree	275
Z. C. Talbot	278	J. W. Christiansen	271

Match D, Police Revolver Championship—Only 32-calibre police revolvers; sights open; trigger pull not less than 2 pounds; best five targets, six shots each, consecutive; Standard target, 4-inch bull's-eye; distance, 20 yards; possible 60 points each score:

Dr. Webber	285	H. M. Olney	265
H. S. Seeley	277	E. F. M. Wendelstadt	253
Effingham Wilson	266		

Military Revolver Record—25 shots, 50 yards, offhand. U. S. elliptical target.

July 8—At Savannah, Ga., C. S. Richmond made a clean score of 25 consecutive bull's-eyes.

100-shot Pistol Record—50 yards. Standard American target.

August 15—At Shell Mound park range, San Francisco, Cal., J. E. Gorman made 929 points out of a possible 1,000. This score ties the record.

Military Revolver Record—100 shots, 50 yards, offhand. U. S. elliptical target.

September 20—At Glendale Shooting Park, Glendale, L. I., Dr. A. A. Webber shot for a record score; he made 455 points out of a possible 500, 90 of the 100 shots being in the bull's-eye.

Pistol Record Score—50 shots, 50 yards, offhand. Standard American target.

September 24—At Shell Mound Park, San Francisco, Cal., J. E. Gorman made 465 points out of a possible 500.

September 9—At Walnut Hill range, Mass., T. Anderton made 464.

Pistol 22 Calibre Record—10-shot score, possible 100, 50 yards. Standard American target.

September 9—Walnut Hill range, Mass., C. H. Eastman made 96.

October 21—Walnut Hill range, Mass., J. T. Humphrey made 96.

July 23—Golden Gate Rifle and Pistol Club, San Francisco, Cal., J. E. Gorman made 96.

Military Revolver Record—50 yards, two scores of six shots each, each score to be shot in one minute time possible 60 points. U. S. elliptical target.

October 21—At Walnut Hill range, Mass., J. T. Humphrey made 58.

October 28—E. E. Patridge made 59.

Billiards Records.

(Revised to December 1, 1899.)

Three-Ball Straight Rail.—Highest run on record, 1,531, on a 5x10 table, by Maurice Vignaux, at Paris, France, April 10-14, 1880, against George F. Slosson. Harvey McKenna, the celebrated rail player, in an exhibition game on a 5x10 table scored a run of 2,572, and an average of 416⅔, at Boston, Mass., December 21, 1887; and Jacob Schaefer, in a match game played at San Francisco, Cal., in 1890, scored a run of 3,000 points on a 4½x9 table. His average was 750. The best average at the three-ball straight-rail game, on a 5x10 table, is 333⅓, by Jacob Schaefer, at Central Music Hall, Chicago, May 15, 1879.

Cushion Caroms.—Highest run, 77, on a 5x10 table, by William Sexton, at Tammany Hall, New York, December 19, 1881, against Jacob Schaefer. Best tournament average, 10 in 200 points, on a 5x10 table, by Jacob Schaefer, at Chicago, November 10, 1887. Best match average, 4 76-106 in 500 points, on a 5x10 table, by George F. Slosson, at Chicago, April 4, 1887.

Frank C. Ives made a run of 85 in exhibition tournament play for an announced purse of money, Bumstead Hall, Boston, Mass., April 14. There was no award of prize money.

Balk-Line Game.—Highest run at 8-inch balk-line game, 329, on a 5x10 table; the highest average is 44 52-67; both by Maurice Vignaux, at Paris, January, 1884.

Highest run at 14-inch balk-line game, anchor nurse permitted, 566, by Jacob Schaefer, New York, December 16, 1893. At anchor nurse barred, Frank C. Ives made 359, at Chicago, December 6, 1894.

Jacob Schaefer made a run of 111 in exhibition tournament play at 18-inch balk-line game, with one carom permitted when object balls were within the balk-line or anchor-box space. Central Music Hall, Chicago, Ill., May 22, 1896.

With anchor nurse allowed, in tournament play, Jacob Schaefer made an average of 100 at 14-inch balk-line game, New York, December, 1893, and Frank C. Ives made an average of 100, Chicago, January, 1894. Ives made an average of 63 2-10 at anchor barred, New York, November 13, 1894.

Frank C. Ives made a single game average of 50 at 18-inch balk-line game, in exhibition tournament play, with but five caroms permitted when object balls were within the anchor-box space. Madison Square Garden Concert Hall, New York, April 2, 1896.

Frank C. Ives made a single game average of 19 21-24 at 18-inch balk-line game, with but one carom permitted when object balls were within any balk-line or anchor-box space, in exhibition tournament play. Central Music Hall, Chicago, Ill., May 21, 1896

George Sutton made a run of 215 at 14-inch balk-line game, a record for players below the first grade (known as "short-stops"), Chicago, June, 1897. W. A. Spinks made an average of 40 at 14-inch balk-line game, a record for "short-stops." Pittsburgh, Pa., March, 1897.

The best amateur records in competition are held by Wayman C. McCreery, of St. Louis, who made a high run of 139 and an average of 13⅓ (for 400 points) in the Class A championship tournament, at New York, February 13, 1899. The best run for Class B amateurs is 97, made by J. Byron Stark, of New York, and the best average 10 10-29 (for 300 points), also held by Stark.

English Game.—John Roberts, of London, England, holds the record for the highest run, 1,392, scored at English "spot-barred" billiards (the recognized game in England now), 1894. W. J. Peall, of London, England, holds the record for the highest run, 1,888, with "spot-stroke" permitted, scored in a match game, 1890; in an exhibition game he scored 3,304 at the same style of play.

BILLIARDS EVENTS IN 1898-99.

During the year just ended billiard lovers were treated to two big professional matches between George F. Slosson and Jacob Schaefer, and amateur championship meetings under the auspices of the Amateur Athletic Union, in two sections, for Class A and Class B players. The A. A. U.'s efforts to control amateur billiards were prosecuted vigorously and successfully until October, when two factions rebelled against the Union's restrictions and formed their own organizations, one in New York and a second in Chicago. The A. A. U. did not relinquish the struggle, but announced its usual championship tournaments to correspond with those of last Winter, and barred out those who played in the unregistered tournaments.

The A. A. U. championships for last Winter were both contested for at the Knickerbocker A. C., in New York. The tournament for Class B players began December 4, 1898, and ended December 19, 1898. The championship was won by J. Byron Stark, of New York, who won six games and lost none. His best average was 10.34, his highest run 47, and his grand average 7.72. Alexander Taylor, of Chicago, and J. De Mun Smith, of St. Louis, tied for second, and Taylor won on the play-off. The style of game was 14-inch balk-line, the games being 300 points each. Referee, Edward McLaughlin.

The Class A amateur championship tournament was held at the Knickerbocker A. C., New York, February 14-19, 1899. Three players were entered, Martin Mullen, of Cleveland; Wilson P. Foss, of Haverstraw, N. Y., and Wayman C. McCreery, of St. Louis. Each played the others twice, the games being 400 points each at 14-inch balk-line, with ten shots allowed in the anchor spaces. Mullen won the championship, beating Foss twice and winning and losing with McCreery. His final record was 3 games won and 1 lost, his grand average 8.29, and his best run 73. Foss finished second, beating McCreery both times but losing twice to Mullen. His record was: Won 2, lost 2; high run, 133; grand average, 8.26. McCreery won only one game in the series, his record being: Won 1, lost 3; high run, 139; grand average, 9.16. Two new amateur records were created by McCreery in his first game (against Mullen), when he averaged 13⅓ (for 400 points), and made a run of 139. Referee, Edward McLaughlin.

A match was played early in the Spring between George F. Slosson and Jacob Schaefer, with two games, one each at 18-inch balk-line and cushion caroms. These took place at the Lenox Lyceum, New York, May 15 and 22, 1899. The result was as follows: Balk-line—Schaefer, 600; average, 13 28-44; high run, 139. Slosson, 418; average 9 31-43; high run, 62. Cushion caroms—Slosson, 400; average, 4 52-87; high run, 34. Schaefer, 359; average, 4 15-86; high run, 55. Referee, Frank A. Keeney, of Brooklyn. The stakes were $500 a side on each game.

Another match was played between George F. Slosson and Jacob Schaefer in the Fall, the style of play being at cushion caroms for three nights. It took place at the Madison Square Garden Concert Hall, New York, October 30, 31, and November 1, 1899. The result was as follows: First night—Slosson, 300; average, 4 52-62; high run, 37. Schaefer, 185; average, 2 61-62; high run, 21. Second night—Slosson, 300; average, 3 63-79; high run, 22. Schaefer, 310; average, 3 76-78; high run, 35. Third night—Slosson, 300; average, 5 10-59; high run, 21. Schaefer, 262; average, 4 34-57; high run, 41. Grand totals—Slosson, 900; Schaefer, 757. Grand averages—Slosson, 4.56; Schaefer, 3.84. Highest runs—Slosson, 37; Schaefer, 41. Referee—Frank A. Keeney, of Brooklyn. The stakes were $500 a side.

Frank C. Ives, who was generally referred to as the "Napoleon" of billiards, died of consumption at Progreso, Mexico, August 30, 1899. By most students of the game he was considered to be the greatest professional billiardist that ever lived, and a study of the records to his credit, as shown above, proves his right to this praise.

SHOT-GUN RECORDS OF 1899—*Continued.*

May 20—St. Louis, Mo.—A. B. Daniels won the open competition for the Du Pont trophy at live birds, scoring 45 straight.

May 20—St. Louis, Mo.—C. A. Young won the open competition for the Republic trophy at live birds, scoring 119 out of 120; J. A. R. Elliott second, with 117 out of 119.

May 22—St. Louis, Mo.—Match at 100 live birds per man; $100 a side; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 96; Dr. J. W. Smith, 88.

June 6—Buffalo, N. Y.—In the opening target event at the New York State shoot there were 161 entries, the largest number of entries on record in a target event.

June 24—Batavia, N. Y.—Contest for the E. C. Cup and the inanimate target championship. W. R. Crosby, 128; J. A. R. Elliott, 124.

July 1—Denver, Col.—Match for the Du Pont trophy; 100 live birds per man. J. A. R. Elliott, 98; A. B. Daniels, 97.

July 14—Lyndhurst, N. J.—Match at 100 live birds per man; $100 a side; 30 yards rise; 40 yards boundary. H. B. Money, 95; Aaron Doty, 95; tie not shot off.

July 18—Springfield, O.—Match for the Republic Cup; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 93; C. A. Young, 92.

July 21—Kent, O.—Match for the cast-iron medal at 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 95; R. O. Heikes, 94.

July 24—Batavia, N. Y.—Match for the E. C. Cup and the inanimate target championship. J. A. R. Elliott, 136; W. R. Crosby, 132.

August 23—Atlantic City, N. J.—Match for the E. C. Cup and the inanimate target championship. W. R. Crosby, 139; J. A. R. Elliott, 128.

August 24—Atlantic City, N. J.—Match for the cast-iron medal; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 95; C. A. Young, 93.

September 19—Holmesburg Junction, Pa.—Match at 100 live birds per man; $100 a side; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 96; E. H. Buckwalter, 92.

September 21—Yardville, N. J.—Match for the cast-iron medal; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 95; Charles Zwirlein, 81.

October 3—Kansas City, Mo.—Contest for the *Sportsmen's Review* trophy; 100 live birds per man; 30 yards rise; 50 yards boundary. W. R. Crosby, 98; J. A. R. Elliott, 97.

October 4—Kansas City, Mo.—Contest for the Republic Cup; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 100 straight; W. R. Crosby, 97.

October 13—Batavia, N. Y.—Contest for the E. C. Cup and the inanimate target championship. W. R. Crosby, 132; R. O. Heikes, 130.

October 26—Nashville, Tenn.—Contest for the cast-iron medal; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 99; J. De Bow, 93.

November 24-25—Kansas City, Mo.—Team race, ten men a side, between Omaha and Kansas City; 50 live birds per man; 30 yards rise; 50 yards boundary. Omaha team, 439; Kansas City team, 437.

December 2—Lyndhurst, N. J.—Match for the Republic Cup, between J. A. R. Elliott and Aaron Doty; 100 live birds per man; 30 yards rise; 40 yards boundary. Elliott, 91; Doty, 81.

Bowling.

(Revised to December 4, 1899.)

THE Interstate Bowling League was organized in Brooklyn November 21, 1895. The opening championship series was played in the Spring of 1896. The New York Club won the championship with 20 games won and 12 lost. The New York Club won in 1897 with a record of 37 games won and 11 lost, and also won the championship in 1898 with a record of 48 games won and 12 lost. In 1899 the Niagara Falls Club withdrew from the League, and Olean, Erie, and Rochester clubs were admitted to membership. The record for 1899 follows:

CLUBS.	New York.	Brooklyn.	Buffalo.	Rochester.	Erie.	Olean.	Games Won.
New York	..	7	8	11	10	9	45
Brooklyn	5	..	7	8	10	8	38
Buffalo	4	5	..	5	6	8	28
Rochester	1	4	7	..	7	7	26
Erie	2	2	6	5	..	6	21
Olean	3	4	4	5	6	..	22
Games lost	15	22	32	34	39	38	..

The Empire Club, of New York, in a game in the Harlem League at the Harlem Palace Alleys on November 27, 1899, made a score of 1,103, which is the competition record since the adoption of the two-ball game by the American Bowling Congress. The individual scores made in this game were: Voorhees, 236; Mische, 233; Stoff, 212; Sohl, 192; Arnold, 230. Total, 1,103. Strikes, 29; spares, 15; breaks, 6.

Bowlers credited with the maximum (300) score on regulation alleys are: Charles Starr, Golden Rod; W. B. Sellers, Echo Club; John Howick, Western Club, of Detroit; G. Wadleigh, New Jersey A. C.; C. B. Stoddard, Buffalo; "Les" Freude, Mutual B. C., and R. Menninger, Brooklyn.

The winners of the principal tournaments last season were: American National, Albion, of Paterson; Arlington Head-Pin, Astoria No. 1; Greater New York Tournament, Metropolitan; Associated Cycling Clubs of New York, Royal Arcanum Wheelmen; Arlington National of Brooklyn, Metropolitan; Brooklyn Royal Arcanum Sub-Tournament, Gilbert Council; Arlington League of New York, Fidelia; Morning Newspaper League, the *Journal;* Commercial League, Passavant & Co.; United Bowling Clubs, Rosedale; Kings County Tournament, Templeton; Suburban Athletic League, Roseville A. A.; Brooklyn National, Manhattan; Uncle Sam National, Golden Rod; Morris and Essex League, Roseville A. A.; North Side League, Knickerbocker; Brooklyn Royal Arcanum, Gilbert Council; Arlington Hall Women's Tournament of Brooklyn, Senate Club; Harlem Republican Club, Phœnix; Wholesale Drug Trade Association, Colgate & Co.; New York Royal Arcanum League, Our Council; Athlete Head-Pin Tournament, Fidelia; Brooklyn Women's Bowling League, Monarch Club; Bank Clerks', Chase National Bank; Associated Cycling Clubs of Long Island, Class A. Bushwick. Class B, Tamaqua; Yorkville League, Village No. 1; Harlem League, Belvidere.

In the Greater New York Bowling Club tour 294 games were played, 235 resulting in victories. The team established a world's record for foreign alleys at Fostoria, Ohio, February 14, by rolling a score of 1,045 pins.

Football Records.

THE football season of 1899 was one of the most interesting in the history of the great American college game. It was notable for the fact that so many first-class teams were developed. Of the so-called "Big Four," Harvard was the only team that has played throughout the season without a defeat The Indians, however, scored 10 points against them.

Princeton. Yale, and the University of Pennsylvania have been beaten by colleges that were supposed to have been in the second class. Columbia for the first time in more than twenty years developed a formidable team, and after stopping the Princeton team from scoring more than 11 points, defeated the Yale team by a score of 5 to 0. Cornell defeated Princeton by a score of 5 to 0, and followed this up by defeating Columbia by a score of 29 to 0. Lafayette showed its right to be considered a factor in the football world by defeating University of Pennsylvania and Cornell. The team from the Indian Training School displayed remarkable strength this season. Indeed, the Indians played better football this season than ever before. The fact that they defeated the University of Pennsylvania and Columbia and scored 10 points against Harvard demonstrates this. The question as to which college had the best team is rather a complicated one. There are those who believe that Harvard has a clear right to the honor, basing their claim on the fact that Harvard has won every game it has played this season, and has only been scored against once. Those who believe that Princeton is entitled to the honor base their claim on Princeton's defeat of Yale after the latter had prevented Harvard from scoring against them. The following figures will doubtless keep experts busy in discussion for some time to come.

INTERCOLLEGIATE FOOTBALL ASSOCIATION.

The records of the first eight years of the Intercollegiate Football Association are summarized in the following table, which shows the number of games won by each college each year.

COLLEGE.	1877	1878.	1879.	1880.	1881.	1882.	1883.	1884.
Yale.....	2	2	0	2	2	3	2	3
Princeton	2	3	1	2	1	1	1	3
Harvard.....	1	1	0	1	1	2	0	2
Columbia	0	0	0	0	0	0	0	*

* Columbia was dropped in 1884.

The Association was reorganized in 1885 with the following members: Yale, Princeton, Harvard, University of Pennsylvania, and Wesleyan. The record from that year to date follows:

COLLEGE.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897	1898.	1899.
Yale.....	2	3	4	4	3	3	3	3	3	1	1	0	1	0	0
Princeton..	3	3	2	3	4	2	2	1	1	0	0	1	0	1	1
Harvard..	0	2	3	2	2	*	..	..	..	..	..	..	...	..	..
Univ. of Pa.	0	1	0	1	0	1	1	2	†	..	..	..	...	..	..
Wesleyan	1	0	1	0	1	0	0	0	†	..	..	..	..	..	..

* Harvard withdrew from the Intercollegiate Association late in 1889, but played an independent game with Yale at Springfield, Mass., each year after until 1895. Then after an interval of three years the elevens again met in 1897. These games resulted as follows:

1890—Harvard, 12; Yale, 6.
1891—Yale, 10; Harvard, 0.
1892—Yale, 6; Harvard, 0.
1893—Yale, 6; Harvard, 0.
1894—Yale, 12, Harvard, 4.
1897—Yale, 0; Harvard, 0.
1898—Harvard, 17; Yale, 0.
1899—Harvard, 0; Yale, 0.

† University of Pennsylvania and Wesleyan withdrew.

The scores of the Yale-Harvard, Yale-Princeton, and Harvard-Princeton games are as follows. The system of scoring previous to 1898 was 4 points for touchdown, 2 points for goal from touchdown, 5 points for goal from field, and 2 points for safety. The season of 1898 was played under the revised scoring rules, 5 points for touchdown and 1 point for goal from touchdown, goal from field and safety counting the same:

YALE-HARVARD.

1883—Yale, 23; Harvard, 2.
1884—Yale, 52; Harvard, 0.
1885—No game played.
1886—Yale, 29; Harvard, 4.
1887—Yale, 17; Harvard, 8.
1888—Harvard forfeited.
1889—Yale, 6; Harvard, 0.
1890—Harvard, 12; Yale, 6.
1891—Yale, 10; Harvard, 0.
1892—Yale, 6; Harvard, 0.
1893—Yale. 6; Harvard, 0.
1894—Yale, 12; Harvard, 4.
1897—Yale, 0; Harvard, 0.
1898—Harvard, 17; Yale, 0.
1899—Harvard, 0; Yale, 0.

YALE-PRINCETON.

1883—Yale, 6; Princeton, 0.
*1884—Yale, 6; Princeton, 4.
1885—Princeton, 6; Yale, 5.
*1886—Yale, 4; Princeton, 0.
1887—Yale, 12; Princeton, 0.
1888—Yale, 10; Princeton, 0.
1889—Princeton, 10; Yale, 0.
1890—Yale, 32; Princeton, 0.
1891—Yale, 19; Princeton, 0.
1892—Yale, 12; Princeton, 0.
1893—Princeton, 6; Yale, 0.
1894—Yale, 24; Princeton, 0.
1895—Yale, 20; Princeton, 10.
1896—Princeton, 24; Yale, 6.
1897—Yale, 6; Princeton, 0.
1898—Princeton, 6; Yale, 0.
1899—Princeton, 11; Yale, 10.

* Game unfinished.

HARVARD-PRINCETON.

1883—Princeton, 26; Harvard, 7.
1884—Princeton, 34; Harvard, 6.
1886—Princeton, 12; Harvard, 0.
1887—Harvard, 12; Princeton, 0.
1888—Princeton, 18; Harvard, 6.
1889—Princeton, 41; Harvard, 15.
1895—Princeton, 12; Harvard, 4.
1896—Princeton, 12; Harvard, 0.

NEW YORK STATE INTERCOLLEGIATE ATHLETIC ASSOCIATION.

Wesleyan won the championship of 1899 from Colgate, Union, and Hamilton.

INTERSCHOLASTIC FOOTBALL.

The championship of the New York Interscholastic A. A. was won by De La Salle Institute.

St. Paul School, of Garden City, won the championship of the Long Island Interscholastic Athletic League.

The annual match between Brooklyn High School and Polytechnic Preparatory School was won by the latter by a score of 11 to 6.

FOOTBALL RECORDS—*Continued.*

ATHLETIC CLUB FOOTBALL.

On November 7, 1899, the Orange A. C. defeated the Knickerbocker A. C., by a score of 11 to 10. Among other games played in 1899 were:

October 21—K. A. C., 32; Murray Hill, 0.
October 28—K. A. C., 6; Newark A. C., 0.
November 11—Duquesne A. C., 47; K. A. C., 0.
November 18—Duquesne A. C., 29; Orange A. C., 0.
November 25—Orange A. C., 6; Newark A. C., 0.

COLLEGE GAMES IN 1899.

September 30—Harvard, 29; Williams, 0.
September 30—Yale, 23; Amherst, 0.
September 30—Brown, 17, Holy Cross, 0.
September 30—Wesleyan, 27; Aggies, 0.
September 30—University of Penn., 20; Lehigh, 0.
September 30—Dartmouth, 16; Exeter, 5.
October 4—Columbia, 26; Rutgers, 0.
October 4—Yale, 46; Trinity, 0.
October 4—Harvard, 13, Bowdoin, 0
October 4—University of Penn., 47; Bucknell, 10.
October 7—Yale, 28, Bates, 0.
October 7—Princeton, 5; Annapolis Academy, 0.
October 7—Columbia, 21; Union, 0.
October 11—Harvard, 41; Amherst, 0.
October 11—Univ. of Penn. 33; Univ Va., 6.
October 11—Princeton, 12; Lafayette, 0
October 14—Princeton, 11; Columbia, 0
October 14—Harvard, 18; West Point Cadets, 0.
October 14—Carlisle Indians, 16; Univ. Penn., 5.
October 14—Yale, 12, Dartmouth, 0.
October 14—Annapolis, 12; Georgetown, 0.
October 14—University of Chicago, 17; Cornell, 6.
October 14—Syracuse Univ., 10; N. Y. Univ., 5.
October 14—Amherst, 0; Trinity 0.
October 14—Bucknell, 5; Lehigh, 0.
October 18—Harvard, 29; Bates, 0.
October 18—University of Penn. 17; Wesleyan, 6.
October 18—Princeton, 12; Penn. State College, 0.
October 18—Columbia, 40; New York University, 0.
October 18—Yale Freshmen, 0; Phillips Andover Academy, 0.
October 21—Princeton, 23; West Point Cadets, 0.
October 21—Columbia, 18; Amherst, 0.
October 21—Yale, 6; Wisconsin, 0.
October 21—Harvard, 11; Brown, 0.
October 21—Hamilton Coll., 35; N. Y. Univ., 0.
October 21—Lafayette, 6; University of Penn., 0.
October 21—Annapolis Academy, 6; Penn. State College, 0.
October 21—Cornell, 6; Lehigh, 0.
October 21—Carlisle Indians, 16; Dickinson, 5.
October 21—Williams, 12; Dartmouth, 0.
October 25—Princeton, 17; Lehigh, 0.
October 25—Amherst, 11; Bowdoin, 6.
October 25—Williams, 12; Trinity, 0.
October 28—Columbia, 5; Yale, 0.
October 28—Harvard, 22; Carlisle Indians, 10.
October 28—Cornell, 5; Princeton, 0.
October 28—Univ. Chicago, 5; Univ. Penn., 5.
October 28—Michigan, 5; Illinois, 0.
October 28—Wesleyan, 41; Union, 0.
October 28—West Point Cadets, 6; Dartmouth, 2.
October 28—Lehigh, 50; New York University, 0.
October 28—Lafayette, 5; Annapolis Academy, 0.
November 1—Columbia, 46; Stevens, 0.
November 4—Harvard, 16; Univ. of Penn., 0.
November 4—Princeton, 18; Brown, 6.
November 4—Yale, 24; West Point, 0.
November 4—Annapolis, 12; Univ. of N C. 0.
November 4—Lafayette, 17, Lehigh 0.
November 4—Univ of Mich., 38. Univ Va. 0.
November 4—Wesleyan, 11; Dartmouth, 0.
November 4—Georgetown, 17, Maryland, 0.
November 7—Cornell, 29, Columbia, 0.
November 8—Princeton, 30; Univ. of N. C., 0.
November 11—Princeton, 12; Carlisle Indians, 0.
November 11—Harvard, 11; Dartmouth, 0.
November 11—Univ. Penn. 11 Univ. Mich., 10.
November 11—Lafayette, 6; Cornell, 5.
November 11—Yale, 42, Penn. State College, 0.
November 11—Columbia, 16 West Point, 0.
November 11—Williams, 38, Amherst, 0.
November 11—Annapolis Cadets, 35; Trinity. 0.
November 11—Rutgers, 6; New York Univ, 5.
November 11—Wesleyan, 16 Holy Cross, 0.
November 11—Union College, 0; Hamilton, 0.
November 18—Columbia, 22; Dartmouth, 0.
November 18—Princeton, 6; Wash.-Jeff., 0.
November 18—Princeton Freshmen, 19; Yale Freshmen, 6.
November 18—Eastman College, 5; College City of New York, 0.
November 18—N. Y. Univ, 18; Stevens Inst., 6.
November 18—Wesleyan, 40, Amherst, 0
November 18—Annapolis Academy, 17; Lehigh, 0
November 18—Brown, 18, Boston College, 0
November 18—Lafayette, 12, Bucknell, 0
November 18—Georgetown Univ 0, Univ Va., 0.
November 18—West Point Cadets, 12; Syracuse, 6.
November 18—Univ Kan., 36; Univ. Neb., 20.
November 18—Univ. of Wis., 19; Minnesota, 0.
November 22—Rutgers, 59; College City N. Y., 0.
November 22—Hamilton, 18; Trinity, 0
November 25—Princeton, 11; Yale, 10.
November 25—Carlisle Indians, 81; Oberlin, 0.
November 25—Harvard Freshmen, 54; Yale Freshmen, 0.
November 25—Brown, 16; Dartmouth, 5.
November 25—Wesleyan, 11; Williams, 5.
November 25—Hamilton, 17; N Y Univ., 0.
November 25—Univ Chicago, 29; Minnesota, 10.
November 25—Lafayette, 35; Lehigh, 0.
November 25—Univ. of Penn. Freshmen, 19; Cornell Freshmen, 18.
November 29—Carlisle Indians, 45; Columbia, 0.
November 29—Univ. of Penn., 20; Cornell, 0.
November 29—Univ. of Wis., 17; Univ. Mich., 5.
November 29—Univ. of Chicago, 17; Brown, 0.

NOTABLE SCHOOL GAMES IN 1899.

The results of championship games played by the New York Interscholastic Athletic Association and Long Island Interscholastic Athletic League follow:

NEW YORK.

October 26—De La Salle 40; Berkeley, 0.
October 27—Trinity, 18; Columbia Grammar, 0.
October 31—Cutler, 50; Dwight, 0.
November 7—De La Salle, 17; Cutler, 0.
November 15—De La Salle, 11; Trinity, 5.

LONG ISLAND.

October 25—Pratt Institute, 28; "Poly Prep.," 6.
October 28—Pratt Institute, 28; Brooklyn High, 6.
November 7—Brooklyn High, 10; Erasmus Hall, 6.
November 8—St. Paul, 29; Pratt Institute, 0.
November 15—St. Paul, 39; "Poly Prep.," 0.
November 18—Pratt Institute, 24; Erasmus Hall, 0.
November 18—St. Paul, 23, Brooklyn High, 0.
November 23—Erasmus Hall, 6; "Poly Prep.," 6.
November 28—St. Paul, 32; Erasmus Hall, 5.
November 30—"Poly Prep.," 11; Brooklyn High, 6.

OTHER SCHOOL GAMES IN 1899.

October 7—De La Salle, 6; Bedford A. C., 0.
October 14—St. Paul, 17; Yale Freshmen, 5.
October 21—St. Francis Xavier, 5; Flushing High, 0.
October 21—Princeton Freshmen, 15, St. Paul, 0.
October 21—Morristown High, 11; Columbia Grammar, 6.
November 18—"Poly Prep.," 6; Hackettstown Military Academy 6.

Bicycling Records.

NOTE.—Only records which have been accepted by the Chairman of the Racing Board, L. A. W., are given in this table.

PROFESSIONAL PERFORMANCES.

COMPETITION.

Miles.	Time. H. M. S.	Name.	Place.	Date.
1-3.....	.45	F. E. Schefski.	Santa Monica	Feb. 22, '96
1-2.....	.58 3-5	W.Fred. Sims.	Washington..	Aug. 3, '98
2-3.....	1.21 1-5	C. R. Coulter.	Denver.....	Oct. 3, '96
1	1.49	James Michael	Buffalo	July 3, '97
2.....	3.37 3-5	James Michael	Buffalo	July 3, '97
3.....	5.28	James Michael	Manh'n B'ch.	Sept. 25, '97
4	7.16 4-5	James Michael	Manh'n B'ch.	Sept. 25, '97
5.....	9.05 3-5	James Michael	Cambridge...	Sept. 18, '97
6.....	10.50 4-5	James Michael	Cambridge...	Sept. 18, '97
7.....	12.42 2-5	James Michael	Cambridge...	Sept. 18, '97
8.....	13.39 4-5	Tom Linton...	WillowGrove	Aug 6, '98
9.....	15.22	Tom Linton...	WillowGrove	Aug. 6, '98
10.....	17.04 3-5	Tom Linton...	WillowGrove	Aug. 6, '98
11.....	18.49 1-5	Tom Linton...	WillowGrove	Aug. 6, '98
12.....	20.31 3-5	Tom Linton...	WillowGrove	Aug. 6, '98
13.....	22.21 1-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
14.....	24.00 4-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
15.....	25.38 4-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
16.....	27.17 3-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
17.....	28.58 2-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
18.....	30.39 2-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
19.....	32.20	H. D. Elkes...	WillowGrove	Aug. 6, '98
20.....	34.02	H. D. Elkes...	WillowGrove	Aug. 6, '98
21.....	35.45 2-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
22.....	37.28 2-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
23.....	39.14 3-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
24.....	40.58 4-5	H. D. Elkes...	WillowGrove	Aug. 6, '98
25.....	42.42	H. D. Elkes...	WillowGrove	Aug. 6, '98
26.....	48.56 2-5	James Michael	Manh'n B'ch.	Sept. 25, '97
27.....	50.51	James Michael	Manh'n B'ch.	Sept. 25, '97
32.....	1.00.35 3-5	James Michael	Manh'n B'ch.	Sept. 25, '97
50.....	2.11.09 3-5	Frank Waller.	Cambridge...	Aug. 16, '94
100. ...	4.33.52	T. A. Barnaby	Cambridge...	Aug. 16, '94

HANDICAP RECORDS.

1-2.....	.56 3-5	W. F. Sims...	Washington..	Aug. 3, '98
1.....	2.00	W. F. Sims...	Washington..	July 23, '98

TANDEM AGAINST TIME—FLYING START, UNPACED.

1-2.....	.52 3-5	Terrill-Taylor.....	Coronado...	Mar. 21, '96
3-4.....	1.25 1-5	Sager-Swanbrough	Denver.....	Dec. 5, '96
1.....	1.51 2-5	Swanbr'gh-Hughes	Denver.....	Oct. 4, '97
2.....	3.59 4-5	Sager-Swanbrough	Denver.....	Nov. 16, '96
3.....	6.07 1-5	Sager-Swanbrough	Denver.....	Nov. 16, '96
4..	8.17	Sager-Swanbrough	Denver.....	April 9, '98
5.....	10.25	Sager-Swanbrough	Denver.....	April 9, '98
10.....	21.18 3-5	Sager-Swanbrough	Denver.....	April 9, '98

HOUR RECORD—FLYING START, PACED.

Hr.	Mls. Yds.	Name.	Place.	Date.
1....	34 1,920..	H. D. Elkes...	WillowGrove	Aug. 6, 1898

HOUR RECORDS—FLYING START, UNPACED, AGAINST TIME.

Hrs.	Mls.	Yds.	Name.	Place.	Date.
1.....	25	600.	W.W.Hamil'n	Denver, Col.	July 9, '98
2.....	43 1-2	....	W.W.Hamil'n	Denver, Col.	July 9, '98
3.....	62 3-4	....	W.W.Hamil'n	Denver, Col.	July 9, '98
4.....	81 5-8	....	W.W.Hamil'n	Denver, Col.	July 9, '98
5.....	100	32.	W.W.Hamil'n	Denver, Col.	July 9, '98

ONE-HOUR RECORD—TANDEM.

FLYING START, UNPACED.

Mls.	Yds.	Name.	Place.	Date.
26....	1,222	Swanbrough-Sager....	Denver, Col.	April 9, 1898

TANDEM COMPETITION.

STANDING START.

Mile.	Time. M. S.	Name.	Place.	Date.
1.....	1.57	Butler-Butler.....	Boston.....	June 5, '97

QUINTUPLET.

FLYING START, UNPACED.

1.....	1.46 2-5	Callahan-Butler-Pierce-Walsh-Coleman.	Cambridge, Mass.	Aug. 1, '96

AGAINST TIME—FLYING START, UNPACED.

Miles.	Time. H. M. S.	Name.	Place.	Date.
1-4.....	.26 1-5	Ar. Gardner...	Denver, Col.	Dec. 3, '97
1-3.....	.34 1-5	W.W. Hamil'n	Coronado, Cal	March 2, '96
1-2.....	.55 3-5	Wm. Martin..	Newby Oval.	Aug. 24, '98
1.....	1.55 4-5	W.W. Hamil'n	Denver, Col.	June 18, '98
2.....	4.16	A. B. Hughes.	Denver, Col.	July 9, '98
3.....	6.32 4-5	F. J. Titus....	WillowGrove	July 2, '98
4.....	8.50	F. J. Titus....	WillowGrove	July 2, '98
5.....	11.05 1-5	F. J. Titus....	WillowGrove	July 2, '98
6.....	13.50 1-5	W.W. Hamil'n	Denver, Col.	July 9, '98
7.....	16.10	W.W. Hamil'n	Denver, Col.	July 9, '98
8.....	18.31 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
9.....	20.50	W.W. Hamil'n	Denver, Col.	July 9, '98
10.....	23.09 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
11.....	25.31 4-5	W.W. Hamil'n	Denver, Col.	July 9, '98
12.....	27.55 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
13.....	30.17 1-5	W.W. Hamil'n	Denver, Col.	July 9, '98
14.....	32.39 1-5	W.W. Hamil'n	Denver, Col.	July 9, '98
15.....	35.03	W.W. Hamil'n	Denver, Col.	July 9, '98
16.....	37.28	W.W. Hamil'n	Denver, Col.	July 9, '98
17.....	39.53 4-5	W.W. Hamil'n	Denver, Col.	July 9, '98
18.....	42.18 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
19.....	44.42 3-5	W.W. Hamil'n	Denver, Col.	July 9, '98
20.....	47.08 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
21.....	49.34 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
22.....	52.00 3-5	W.W. Hamil'n	Denver, Col.	July 9, '98
23.....	54.26 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
24.....	56.53 4-5	W.W. Hamil'n	Denver, Col.	July 9, '98
25.....	59.13 2-5	W.W. Hamil'n	Denver, Col.	July 9, '98
50.....	2.16.03	John Lawson..	Memphis	Nov. 17, '96

FLYING START, PACED.

1-4.....	.22 2-5	Major Taylor.	Woodside P'k	Nov. 5, '98
1-3.....	.29 4-5	Major Taylor.	Woodside P'k	Nov. 14, '98
1-2.....	.45 3-5	Major Taylor.	Woodside P'k	Nov. 13, '98
2-3.....	.53 3-5	W.W. Hamil'n	Coronado, Cal	Mar. 2, '96
3-4.....	1.08 2-5	Major Taylor.	Woodside P'k	Nov. 6, '98
1.....	1.28	E.A. McDuffie	New Bedford.	June 29, '99
2.....	3.13 3-5	Major Taylor.	Woodside P'k	Nov. 5, '98
3.....	5.22 4-5	James Michael	New Orleans.	Nov. 12, '96
4.....	7.15	James Michael	New Orleans.	Nov. 12, '96
5.....	9.07 4-5	James Michael	New Orleans.	Nov. 12, '96
6.....	11.00 1-5	James Michael	New Orleans.	Nov. 12, '96
7.....	12.53 3-5	James Michael	New Orleans.	Nov. 12, '96
8.....	14.46 3-5	James Michael	New Orleans.	Nov. 12, '96
9.....	16.40 2-5	James Michael	New Orleans.	Nov. 12, '96
10.....	18.33 1-5	James Michael	New Orleans.	Nov. 12, '96

TANDEM AGAINST TIME.

FLYING START, PACED.

Miles.	Time. M. S.	Name.	Place.	Date.
1.....	1.42 2-5	Fowler-Church.....	Willow Gro	Nov. 6, '97
2.....	3.40 2-5	Fowler-Church.....	Willow Gro	Nov. 6, '97
3.....	5.31 1-5	Fowler-Church.....	Willow Gro	Nov. 6, '97

TRIPLET AGAINST TIME.

FLYING START, UNPACED.

1.....	1.46 4-5	Kiser-Johnson-Mertens.	Kalamazoo	Nov. 4, '97

FLYING START, PACED.

1.....	1.41	McDuffie-Fowler-Church.	Willow Gro	Oct. 26, '97

QUADRUPLET IN COMPETITION.

FLYING START, UNPACED.

1-2....	.49 3-5	Phillips-Bradis-Irons-Miller.	Chicago...	Oct. 12, '97

QUADRUPLET.

FLYING START, PACED.

1.....	1.40 2-5	VanHerick-Bradis-Phillips-Bainbridge	Chicago....	Oct. 2, '97

ONE-HOUR RECORD—TRIPLET.

FLYING START, UNPACED.

Mls.	Yds.	Name.	Place.	Date.
28....	75.	Kiser-Miller-Gardner...	Bellair, Fla.	March 6, '98

Lacrosse in 1899.

CRESCENT ATHLETIC CLUB TEAM.

Date.	Opposing Team.	Where Played.	Goals Scored	
			Selves.	Opponents.
April 15.	Columbia University..	Bay Ridge, N. Y. C.	11	5
April 22.	Stevens Institute.....	Bay Ridge, N. Y. C.	12	2
April 27.	College City of N. Y..	Bay Ridge, N. Y. C.	14	2
April 29.	Johns Hopkins Univ .	Baltimore	5	2
May 6..	Swarthmore College..	Bay Ridge, N. Y. C.	7	0
May 11..	Cornell University....	Bay Ridge, N. Y. C.	5	2
May 13..	Harvard University ..	Bay Ridge, N. Y. C.	5	2
May 20..	Johns Hopkins Univ..	Bay Ridge, N. Y. C.	6	3
May 27..	S. I. Lacrosse Club...	Bay Ridge, N. Y. C.	6	2
May 30..	Toronto University...	Bay Ridge N. Y. C.	11	8
June 3..	Excelsior, Brampton.	Bay Ridge. N. Y. C.	4	2
June 10..	Montreal A. C.....	Bay Ridge, N. Y. C.	5	3
June 17..	Osgoode Hall.....	Bay Ridge, N. Y. C.	11	3

COLUMBIA UNIVERSITY TEAM.

April 8.	Johns Hopkins Univ..	Berkeley Oval.....	1	9
April 15.	Crescent A. C.....	Bay Ridge, N. Y. C.	5	11
April 22.	Staten Island L. C....	Staten Island.....	4	3
April 26.	Stevens Institute.....	Hoboken, N. J.....	1	8
May 9..	Cornell University...	Columbia Oval.....	0	6
May 12..	Harvard University..	Columbia Oval	6	3
May 13..	Swarthmore College..	Swarthmore, Pa.....	0	5

HOBART COLLEGE TEAM.

April 22.	Cornell University...	Geneva, N. Y.....	0	11
April 29.	Cornell University...	Ithaca, N. Y.....	1	7
May 25..	Toronto University...	Geneva, N. Y.....	5	7
May 30.	Rochester Rangers...	Geneva, N. Y.....	3	4
June 11..	Rochester Rangers...	Rochester, N. Y.....	0	7
June 21..	Y. M. C. A	Geneva, N. Y.....	5	3

COLLEGE OF THE CITY OF NEW YORK TEAM.

April 14.	Stevens Institute	Hoboken, N. J.....	0	2
April 15.	Lehigh University....	So. Bethlehem, Pa...	0	5
May 8..	Staten Island L. C....	Berkeley Oval.....	7	4
May 30..	Lehigh University...	Bergen Point, N. J..	3	2

STATEN ISLAND LACROSSE CLUB TEAM.

April 8	Stevens Institute. ...	Staten Island.....	3	4
April 15	Columbia University..	Staten Island.....	2	3
April 22.	College City of N. Y..	Berkeley Oval.....	4	6
April 29.	Cornell University....	Staten Island.....	5	3

HARVARD UNIVERSITY TEAM.

Date.	Opposing Team.	Where Played.	Goals Scored.	
			Selves.	Opponents.
April 11..	Lehigh University....	So. Bethlehem, Pa...	0	11
April 18..	Stevens Institute.....	Hoboken, N. J.....	0	7
April 21..	Swarthmore College..	Swarthmore, Pa.....	0	9
April 22..	Johns Hopkins Univ..	Baltimore, Md.....	0	20
May 12..	Columbia University..	New York City.....	3	6
May 13..	Crescent A. C.....	Bay Ridge. N. Y. C.	2	5
May 13..	Cornell University...	New York City.....	0	1

JOHNS HOPKINS UNIVERSITY TEAM.

April 8.	Columbia University.	New York City.....	9	1
April 22.	Harvard University..	Baltimore, Md.	20	0
April 29.	Crescent A. C.....	Baltimore, Md.....	2	5
May 6..	Stevens Institute.....	Baltimore, Md.....	12	1
May 12..	Lehigh University....	So. Bethlehem, Pa..	11	3
May 20..	Crescent A. C.....	Bay Ridge, N. Y. C.	3	6

STEVENS INSTITUTE TEAM.

April 14.	College City of N. Y..	Hoboken, N. J.....	7	0
April 18.	Harvard University..	Hoboken, N. J.....	7	0
April 22.	Crescent A. C.....	Bay Ridge, N. Y. C.	2	12
April 26.	Columbia University..	Hoboken, N. J.....	8	1
April 29.	Staten Island L. C. ..	Staten Island.....	3	2
May 6..	Johns Hopkins Univ..	Baltimore, Md.....	1	12
May 9..	Swarthmore College..	Hoboken, N. J.....	2	1
May 12..	Cornell University...	Hoboken, N. J.....	2	2
May 20..	Lehigh University....	Hoboken, N. J.....	5	0

LEHIGH UNIVERSITY TEAM.

April 11.	Harvard University..	So. Bethlehem, Pa...	11	0
April 15.	College City of N. Y..	So. Bethlehem, Pa...	5	0
May 3..	Swarthmore College..	So. Bethlehem, Pa...	2	2
May 13..	Johns Hopkins Univ..	So. Bethlehem, Pa...	3	11
May 20..	Stevens Institute.....	Hoboken, N. J.....	0	3
May 27..	Toronto University...	So Bethlehem, Pa...	6	10
May 30..	College City of N. Y..	Bergen Point, N. J.	2	3

SWARTHMORE COLLEGE TEAM.

April 21.	Harvard University..	Swarthmore. Pa.....	9	0
May 3..	Lehigh University....	So. Bethlehem, Pa..	2	2
May 6..	Crescent A. C.....	Bay Ridge, N. Y. C.	0	7
May 9..	Stevens Institute.....	Hoboken, N. J.....	1	2
May 13..	Columbia University.	Swarthmore, Pa....	5	0

Pugilism.

HOLDERS OF CHAMPIONSHIPS.

Bantam Weight—Terry McGovern, of Brooklyn.
Feather Weight—George Dixon, of Boston.
Light Weight—Frank Erne, of Buffalo.
Welter Weight—"Mysterious Billy" Smith.
Middle Weight—Robert Fitzsimmons.
Heavy Weight—James J. Jeffries, Los Angeles, Cal.

PRINCIPAL CONTESTS OF 1899.

Jim Jeffries defeated Bob Fitzsimmons in 11 rounds for world's championship at Coney Island on June 9.

Tom Sharkey defeated "Kid" McCoy in 10 rounds at Lenox A. C. on January 10.

Jim Jeffries received decision over Tom Sharkey in 25-round bout at Coney Island on November 3.

"Kid" McCoy defeated Joe Choynski in 25-round bout at San Francisco on March 4.

Pedlar Palmer won from Billy Rotchfort, of Chicago, on foul in third round in London on April 17.

Frank Erne, of Buffalo, won light-weight championship from "Kid" Lavigne in 20 rounds at Buffalo on July 3

Frank Erne and Jack O'Brien fought a 25-round draw for light-weight championship of the world at Coney Island on December 4.

"Kid" McCoy was knocked out in one round by Jack McCormack at Chicago on August 18.

Terry McGovern defeated Joe Bernstein at Broadway A. C. in 25-round bout on April 29.

Terry McGovern defeated Pedlar Palmer, of England, in one round for the bantam-weight championship of the world at Tuckahoe on September 12.

Frank Erne won a decision from George McFadden in 25-round bout at Lenox A. C. on May 9.

George Dixon beat Will Curley in 25-round go at Broadway A. C. on November 2.

"Kid" McPartland secured decision over Spike Sullivan in 25-round bout at Lenox A. C. May 23.

Frank Erne knocked out Dal Hawkins in 7 rounds at San Francisco on March 3.

Joe Walcott knocked out Dan Creedon in 1 round at Lenox A. C. on April 25.

Billy Smith secured decision from Charley McKeever in 20-round bout at Broadway A. C. Nov. 8.

Joe Gans defeated George McFadden in 25-round contest at Broadway A. C. on October 31.

George McFadden knocked out "Kid" Lavigne in 19 rounds at Broadway A. C. on October 6.

Tommy Ryan defeated Frank Craig in 10 rounds at Coney Island on September 18.

Tommy West beat Frank Craig in 14 rounds at Broadway A. C. on November 24.

"Kid" McCoy and Joe Choynski fought 6-round draw at Chicago on October 6.

"Kid" McCoy knocked out Steve O'Donnell in 6 rounds at Broadway A. C. on September 19.

"Kid" McCoy beat Jack McCormack in 8 rounds at Lenox A. C. on September 27.

Tom Sharkey knocked out Jack McCormack in 2 rounds at Philadelphia on January 30.

Bob Fitzsimmons knocked out Jeff Thorne in 1 round at Chicago on October 28.

The American Multi-Millionaires.

THE VANDERBILTS.

DESCENDANTS OF COMMODORE CORNELIUS VANDERBILT.

Born on Staten Island, N. Y., 1794; married, 1st, Sophia Johnson, 1813; 2d, Frances Crawford, 1869; died, 1877.

Children.	Grandchildren.	Great-Grandchildren.	Great-Great-Grandchildren.
1. Phebe Vanderbilt, b. 1815; m. James M. Cross, 1841; d. 1853.	1. Vanderbilt Cross; m. Emma Eldred.		
	2. Ethelinda Cross; m. Barrett Horton.		
	3. Norman Cross.		
2. Ethelinda Vanderbilt, b. 1818, m. Daniel B. Allen, 1839; d. 1888.	1. Vanderbilt Allen, b. 1840; m., 1st, Helena Mount, 1861; 2d, Edith De Silvier, 1873; 3d, Edith Mott, 1890; d. 1898.	1. Marie Fatimeh Allen, b. 1870; m. John C. Wilmerding, Jr., 1892.	
		2. Ethel Gladys De Silvier Allen, b. 1875.	
	2. William B. Allen, b. 1844; m. ——————; d. 1890.	1. W. S. Vanderbilt Allen, b. 1867.	
		2. Marie Allen, b. 1869; m. John Wallace, 1888; d. 1890 (killed).	
		3. Ethelinda Allen, b. 1870; d. 1889.	
	3. Franklin Allen.		
	4. Harry Allen; d. 1899.		
3. William Henry Vanderbilt, b. 1821; m. Maria Louise Kissam, 1840; d. 1885.	1. Cornelius Vanderbilt, b. 1843; m. Alice Gwynne, 1870; d. 1899.	1. William H. Vanderbilt, b. 1871; d. 1892.	
		2. Cornelius Vanderbilt, b. 1874; m. Grace Wilson, 1896.	1 Cornelius Vanderbilt, b. 1898. 2. Grace Vanderbilt, b. 1899.
		3. Gertrude Vanderbilt, b. 1876, m. Harry Payne Whitney, 1896.	1. Flora Payne Vanderbilt Whitney, b. 1897. 2. Vanderbilt Whitney, b. 1899.
		4. Alfred Gwynne Vanderbilt, b. 1877.	
		5. Reginald Vanderbilt, b. 1880.	
		6. Gladys Vanderbilt, b. 1885.	
	2. Margaret Louisa Vanderbilt; m. Elliot F. Shepard, 1870.	1. Maria Shepard, b. 1877; m. William J. Schieffelin, 1892.	
		2. Alice Shepard, b. 1874; m. David Hennen Morris, 1895.	
		3. Margaret Shepard, b. 1875; d. 1892.	
		4. Edith Shepard, b. 1876; m. Ernesto G. Fabbri, 1896.	1. Edith Maria Fabbri, b. 1897.
		5. Elliot F. Shepard, b. 1877; m. Mrs. Esther Potter, 1897.	
	3. William K. Vanderbilt, b. 1849; m. Alva Smith, 1874 (now Mrs. O. H. P. Belmont).	1. Consuelo Vanderbilt, b. 1877; m. Duke of Marlborough, 1895.	1. John, Marquis of Blandford, b. 1897. 2. A son, b. 1898.
		2. William K. Vanderbilt, b. 1880; m. Virginia Fair, 1899.	
		3. Harold Vanderbilt, b. 1882.	
	4. Emily Vanderbilt; m. William D. Sloane, 1874.	1. Florence A. Sloane, b. 1875; m. James A. Burden, Jr., 1895.	1. James A. Burden, b. 1897.
		2. Emily V. Sloane, b. 1877; m. John H. Hammond, 1899.	
		3. Lida Sloane, b. 1879.	
		4. William D. Sloane, b. 1881.	
	5. Frederick W. Vanderbilt, b. 1858; m. Mrs. Alfred Torrance (nee Anthony), 1880.		
	6. Florence Adele Vanderbilt; m. H. McKay Twombley, 1877.	1. Ruth Twombley, b. 1878; d. 1896.	
		2. Florence Twombley, b. 1880.	
		3. H. McKay Twombley, b. 1883.	
	7. Eliza Osgood Vanderbilt; m. W. Seward Webb, 1883.	1. James Watson Webb, b. 1885.	
		2. Seward Webb, b. 1888.	
		3. Frederica Webb, b. 1890.	
	8. George Vanderbilt, b. 1864; m. Edith S. Dresser, 1898.		

NOTE.—In the pedigrees of the Vanderbilts and Astors the dates in some instances, particularly of the older branches and of branches residing abroad, are subject to correction. The above table and that of the Astors were submitted to members of the respective families and were revised by them to the best of their knowledge.

THE VANDERBILTS—Continued.

Children.	Grandchildren.	Great-Grandchildren.	Great-Great-Grandchildren.
4. Emily Vanderbilt, b. 1823; m. William K. Thorn, 1849; d. 1896.	1. William K. Thorn, b. 1851.		
	2. Emily Thorn, b. 1853, m., 1st, Daniel King, 1869; 2d, James C. Parrish, 1873.	1. Louise Alice King, b. 1870; m. Alexander Baring.	
		2. Emily Parrish, b. 1874; m. Edward Post, 1896.	
		3. Herbert Parrish, b. 1876.	
	3. Lena Thorn, b. 1858; m. Gustav Kissell, 1881.		
5. Cornelius Jeremiah Vanderbilt, b. 1825; d. 1882.			
6. Eliza Vanderbilt, b. 1828; m. George Osgood, 1849; d. 1895.			
7. Sophia Vanderbilt, b. 1830; m. Daniel Torrance, 1849.	1. Alfred Torrance, b. 1850; m. Bertha Anthony, 1872, d. 1885.		
	2. Marie Torrance, b. 1852; m. John Hadden, Jr., 1873.	1. John Hadden, b. 1874.	
8. Maria Alecia Vanderbilt, b. 1831; m., 1st, N. La Bau, 1847.	1. Bertha V. La Bau; m. George M. Brown.		
	2. Edith La Bau; m. Tiffany Dyer.		
	3. Lilian La Bau; m. 1st, Eugene Blois; 2d, Jose Aymar, 1897.		
9. Catherine Vanderbilt, b. 1834; m., 1st, Smith Barker, 1850; 2d, Gustave Lafitte, 1861; d. 1887.	1. Clarence Johnson Barker, b. 1853, d. 1896.		
	2. Catherine Barker, b. 1857.		
	3. Morris Lafitte, b. 1863.		
10. Marie Louise Vanderbilt, b. 1835, m., 1st, Horace Clark, 1851, 2d, Robert Niven, 1860; d. 1891.	1. Louise Clark, b. 1853, m., 1st, Clarence L. Collins, 1874, 2d, Capt. Barty Midford; 3d, M. L. Souberbille, d. 1895.	1. Edith Lyman Collins, b. 1876; m. Count Czay Kowski (Rechid Bey), 1897.	
	2. Charlotte E. Niven; m. Count de Sers.		
11. Frances Vanderbilt, b. 1836; d. 1866.			
12. George Vanderbilt, b. 1841; d. 1863.			

THE GOULDS.

DESCENDANTS OF JAY GOULD.

Born May 27, 1836; married Helen Day Miller, 1861; died, 1892.

Children.	Grandchildren.	Great-Grandchildren.	Great-Great-Grandchildren.
1. George Jay Gould, b. 1864; m. Edith Kingdon, 1887.	1. Jay Gould, b. 1888. 2. Marjorie Gould, b. 1889. 3. Kingdon Gould, b. 1890. 4. Vivian Gould, b. 1891. 5. Edith Helen Gould, b. 1892.		
2. Edwin Gould, b. 1866; m. Sarah Shrady, 1892.	1. Edwin Gould, b. 1894. 2. Frank Miller Gould, b. 1899.		
3. Helen Miller Gould, b. 1870.			
4. Howard Gould, b. 1871; m. Katherine Clemmons, 1898.			
5. Anna Gould, b. 1875, m. Count Boniface de Castellane, 1895.	1. Boniface de Castellane, b. 1897. 2. Frank de Castellane, b. 1899.		
6. Frank Gould, b. 1878.			

THE ROCKEFELLERS.

DESCENDANTS OF WILLIAM A. ROCKEFELLER.

Born 1811; married Eliza Davidson.

Children.	Grandchildren.	Great-Grandchildren.	Great-Great-Grandchildren.
1. John D. Rockefeller, b. 1839; m. Lucy Spellman, 1867.	1. Elizabeth Rockefeller, b. 1869; m. Rev. Dr. Charles A. Strong, 1889.		
	2. Edith Rockefeller, b. 1872; m. Howard McCormick, 1896.	1. Howard John McCormick, b. 1897.	
	3. Alta Rockefeller, b. 1874.		
	4. John D. Rockefeller, b. 1877.		
2. William Rockefeller, b. 1841; m. Almira Geraldine Goodsell, 1864.	1. William G. Rockefeller, b. 1873; m. Elsia Stillman, 1896.		
	2. Emma Rockefeller, b. 1875; m. Dr. David H. McAlpin, 1896.		
	3. Percy Avery Rockefeller, b. 1877.		
	4. Ethel Geraldine Rockefeller, b. 1880.		

THE ASTORS.

DESCENDANTS OF JOHN JACOB ASTOR.

Born at Waldorf, Germany, 1763; married Sarah Todd, cousin of Henry Brevoort, in New York, 1785; died, 1848.

Children.	Grandchildren.	Great-Grandchildren.	Great-Great-Grandchildren.
1. Magdalen Astor, b. 1786; m., 1st, Gov. Adrien B Bentsen, of Santa Cruz, 1807; 2d, Rev. John Bristed, 1820; d. 1854.	1. Charles Astor Bristed, b. 1822; m., 1st, Laura Brevoort, 1847; 2d, Grace A. Sedgwick, 1867; d. 1897.	1. John Jacob Astor Bristed, b. 1848; d. 1880.	
		2. Charles Astor Bristed, b. 1868; m. Mary Rosa Donnelly, 1894.	1. Mary Rosa Bristed. 2. Catharine Bristed.
2. John Jacob Astor, b. 1788; d. 1834.			
3. Eliza Astor, b. 1790; m. Count Rumpff, 1825; d. 1836.			
4. William Backhouse Astor, b. 1792; m. Margaret Alida Armstrong, 1818; d. 1875.	1. Emily Astor, b. 1821; m. Samuel Ward, 1838; d. 1841.	1. Margaret Alida Ward, b. 1838; m. John Winthrop Chanler, 1856; d. 1875.	1. John Armstrong Chanler, b. 1857; m. Amelie Rives, 1888. 2. Winthrop Astor Chanler, b. 1859; m. Margaret Terry, 1882; and had issue: 1. Laura Astor Chanler; 2. John Winthrop Chanler; 3. Margaret Astor Chanler. 3. Elizabeth Astor Chanler; m. John Jay Chapman, 1898. 4. William Astor Chanler. 5. Robert Winthrop Chanler; m. Julia Remington Chamberlain, 1893. 6. Margaret Livingston Chanler. 7. Alida Beekman Chanler; m. Temple Emmet, 1896. 8. Lewis Stuyvesant Chanler; m. Alice Chamberlain, 1890; and had issue: 1. Lewis Stuyvesant Chanler; 2. Alida Chanler.
	2. John Jacob Astor, b. 1822; m. Charlotte Augusta Gibbes, 1846; d. 1890.	1. William Waldorf Astor, b. 1847; m. Mary Dahlgren Paul, 1878. She died 1895.	1. William Waldorf Astor, b. 1879. 2. Pauline Astor, b. 1880. 3. John Jacob Astor, b. 1886. 4. Gwendolin Astor, b. 1889.
	3. Laura Astor, b. 1824; m. Franklin Delano, 1841.		
	4. Mary Alida Astor, b. 1826; m. John Carey, 1850; d. 1881.	1. Arthur Astor Carey; m. Agnes Whiteside, 1889.	1. Reginald Carey. 2. Arthur Graham Carey. 3. Alida Carey.
		2. Hamilton Astor Carey; d. 1893.	
		3. Margaret Laura Carey; m., 1st, Baron de Steurs; 2d, Elliot Zborowsky.	1. Margaret Eugenia Victorine de Steurs. 2. John Herbert Eugene Francois de Steurs. 3. Hubert Victor Arthur de Steurs.
	5. William Astor, b. 1830; m. Caroline Webster Schermerhorn, 1853.	1. Emily Astor, b. 1854; m. James J. Van Alen, 1876; d. 1881.	1. Mary Van Alen, b. 1877. 2. James Lawrence Van Alen, b. 1879. 3. Sarah S. Van Alen, b. 1880.
		2. Helen Astor, b. 1856; m. James Roosevelt Roosevelt, 1876; d. 1893.	1. James Roosevelt Roosevelt, b. 1878. 2. Helen Rebecca Roosevelt, b. 1880.
		3. Charlotte Augusta Astor, b. 1858; m., 1st, J. Coleman Drayton, 1877; 2d, George Haig, 1896.	1. Caroline A. Drayton, b. 1880. 2. Henry Coleman Drayton, b. 1881. 3. William B. A. Drayton, b. 1888. 4. Alida Livingston Drayton, b. 1890.
		4. John Jacob Astor, b. 1862; m. Ava Willing, 1891.	1. William Vincent Astor, b. 1892. 2. Caroline Astor, b. 1894.
		5. Caroline S. Astor, b. 1863; m. Marshall Orme Wilson, 1884.	1. Marshall Orme Wilson, Jr., b. 1885. 2. Richard Thornton Wilson, b. 1888.
	6. Henry Astor, b. 1832; m. Malvina Dykeman, 1852.		
5. Henry Astor, b. 1794; d. 1866.			

THE AMERICAN MULTI-MILLIONAIRES—*Continued.*

THE ASTORS—Continued.

Children.	Grandchildren.	Great-Grandchildren.	Great-Great-Grandchildren.
6. Dorothea Astor, b. 1795; m. Walter Langdon, 1812; d. 1853.	1. Sarah Langdon, b. 1813; m. Francis R. Boreel, 1834; d. 1897.*	1. William Astor Boreel; m. Mary Emily Milbank.	1. Robert John Ralph Boreel; m. Miss Ives.
		2. Alfred Boreel; m.	*
		3. Robert Boreel; m.	
		4. Eliza Boreel; m. Baron Pollandt.	
		5. Sophia Boreel; m. Baron de Groenings.	
	2. John J. A. Langdon, b. 1814; d. 1837.		
	3. Eliza Langdon, b. 1816; m. Matthew Wilks, 1842; d. 1899.	1. Eliza Wilks; m. Byam K. Stevens, 1869.	
		2. Alice Wilks; m. William N. Kiefer, M. D.	
		3. Langdon Wilks, b. 1855; m. Pauline Kingsmill, 1891.	
		4. Matthew Astor Wilks.	
		5. Katherine Langdon Wilks.	
	4. Louisa Langdon, b. 1819; m. Delancey Kane, 1841.	1. Walter Langdon Kane, b. 1851; m. Katherine Hunter, 1877.	1. Caroline Hunter Kane. 2. Helen Dorothy Kane.
		2. Delancey Astor Kane, b. 1852; m. Eleanor Iselin, 1872.	1. Delancey Kane.
		3. John Innes Kane, b. 1855; m. Annie Schermerhorn, 1878.	
		4. Laura Louisa Kane.	
		5. Emily Kane; m. Augustus Jay, 1876.	1. Delancey Jay. 2. Augusta Jay.
		6. Sybil Kane.	
		7. Woodbury Kane.	
		8. Samuel Nicholson Kane.	
	5. Walter Langdon, b. 1821; m. Catherine Livingston, 1847; d. 1893.		
	6. Woodbury Langdon, b. 1824; m. Helen Colford Jones, 1847; d. 1892.	1. Woodbury Gersdorf Langdon, b. 1850; m. Sophie E. Montgomery, 1882.	
	7. Cecelia Langdon, b. 1827; m. Jean de Notebeck, 1849.	1. Eugenia de Notebeck, b. 1852.	
		2. Cecelia de Notebeck, b. 1856.	
	8. Eugene Langdon, b. 1832; m. Harriet Lowndes, 1859; d. 1868.	1. Marion Langdon, b. 1864; m. Royal Phelps Carroll, 1891.	1. Marion Carroll.
		2. Annie Langdon, b. 1865; m. Howard Townsend, 1894.	

* The descendants of the Boreels live in Europe, and the last generation is not given here in full.

King Alfred Memorial.

THE one-thousandth anniversary of the death of King Alfred will be celebrated in England in 1901. The Queen has given the movement her patronage, and the memorial will take the form of a bronze statue of King Alfred to be erected in his royal city of Winchester. A committee has been formed in America to coöperate with the movement, and its members include Col. John Hay, the Secretary of State; Bishop Potter, and the Presidents of Harvard, Yale, and Johns Hopkins Universities. King Alfred being the founder of Great Britain's maritime supremacy, a naval display will be held, and the largest armored cruiser in the world, to be launched in 1901, will be christened King Alfred. Wolvesey Castle, the ancient residence of the English Kings, near Winchester, will be secured as a memorial museum. The sum of £30,000 will be raised to carry out the plan.

Actors' Fund of America.

President—Louis Aldrich. *First Vice-President*—Frank W. Sanger. *Second Vice-President*—John Drew. *Treasurer*—Andrew A. McCormick. *Secretary*—Edwin Knowles. *Assistant Secretary*—Adolph Bernard. *Trustees*—Antonio Pastor, Augustus Pitou, A. M. Palmer, Harrison Gray Fiske, T. Henry French, William H. Crane, Frank G. Cotter, F. F. Mackay, Wm. A. Brady, De Wolf Hopper, Francis Wilson, Roland Reed, B. F. Keith, Charles H. Hoyt, Eugene Tompkins.

The Actors' Fund was established in 1882, to provide assistance for disabled and needy members of the theatrical profession, and burial for such as leave no means therefor. From organization to date of the last financial report there has been contributed to the fund, in various ways, about $550,000, and during that time there has been expended for relief, burials, medicines, hospital charges, etc., over $350,000. The amount of the Fund June 7, 1898, was $196,615. The number of annual members of the Fund at that date was 862, and of life members 118. There are 20 honorary members, including ex-President Cleveland, Chauncey M. Depew, and Ignace Paderewski.

The Stage.

BIRTHPLACES AND BIRTH YEARS OF LIVING DRAMATIC AND MUSICAL PEOPLE.

Name.	Birthplace.	Born.	Name.	Birthplace.	Born.
Adams, Maude	Salt Lake City, Utah	1872	Heron, Bijou	New York City	1863
Albani, Emma	Chambly, Canada	1851	Hill, Charles Barton	Dover, England	1828
Aldrich, Louis	Mid-ocean	1843	Hilliard, Robert S	Brooklyn	1800
Alexander, George	Reading, England	1858	Holland, E. M	New York City	1848
Anderson, Mary	Sacramento, Cal	1859	Hopper, De Wolf	New York City	1862
Archer, Belle	Easton, Pa	1860	Hoyt, Charles H	Concord, N. H	1860
Arditi, Luigi	Piedmont, Italy	1822	Irving, Isabel	Bridgeport, Ct	1870
Arthur, Julia	Canada	1869	Irving, S r Henry	Keinton, England	1838
Bancroft, Sir S. B	England	1841	Irwin, May	Toronto, Canada	1862
Bancroft, Lady	England	1840	James, Louis	Tremont, Ill	1842
Bandmann, Daniel E	Cassel, Germany	1839	Janauschek, Francesca	Prague, Austria	1830
Bangs, Frank C	Alexandria, Va	1836	Jefferson, Joseph	Philadelphia, Pa	1829
Barnabee, H. C	Portsmouth, N. Y	1833	Karl, Tom	Dublin, Ireland	1849
Barrett, Wilson	Essex, England	1846	Kendal, William H	London	1843
Barron, Charles	Boston, Mass	1841	Kendal, Mrs. W. H	Lincolnshire, England	1849
Barrymore, Maurice	India	1847	Kelcey, Herbert H. L	London, England	1855
Bateman, Isabel	Cincinnati, O	1854	Kellogg, Clara Louise	Sumpterville, S. C	1842
Bateman, Kate	Baltimore, Md	1842	Knowles, Edwin H	Rhode Island	1845
Belasco, David	San Francisco	1862	Lackaye, Wilton	Virginia	1862
Bell, Digby	Milwaukee, Wis	1851	Langtry, Lily	St. Helens, Jersey (Eng.)	1852
Bellew, Kyrle	London	1845	Le Moyne, W. J	Boston, Mass	1835
Bernhardt, Sarah	Paris	1844	Manning, Mary	London	1866
Bispham, David	Philadelphia, Pa	1857	Mansfield, Richard	Heligoland, Germany	1857
Boniface, George C	New York City	1832	Mantell, Robert B	Ayrshire, Scotland	1854
Booth, Agnes	Australia	1843	Marlowe, Julia	Caldbeck, England	1865
Buchanan, Virginia	Cincinnati, O	1846	Martinot, Sadie	Yonkers, N. Y	1857
Burgess, Neil	Boston, Mass	1846	Melba, Nellie	Melbourne	1866
Burroughs, Marie	San Francisco	1866	Miller, Henry	London	1860
Byron, Oliver Dond	Baltimore, Md	1847	Mitchell, Maggie	New York City	1832
Calve, Emma	Aveyron, France	1864	Modjeska, Helena	Cracow, Poland	1844
Cameron, Beatrice	Troy, N. Y	1868	Mordaunt, Frank	Burlington, Vt	1841
Campbell, Mrs. Patrick	London	1864	Morgan, Edward J	Barnes, Surrey, England	1871
Carey, Eleanor	Chile, S. A	1852	Morris, Clara	Cleveland, O	1846
Cayvan, Georgia	Bath, Me	1858	Morrison, Lewis	Jamaica, W. I	1845
Chanfrau, Mrs. F. S	Philadelphia, Pa	1837	Mounet-Sully, Jean	Bergerac, France	1841
Clarke, George	Brooklyn, N. Y	1840	Murphy, Joseph	Brooklyn, N. Y	1839
Claxton, Kate	New York City	1848	Nethersole, Olga	London	1870
Cody, William F	Scott County, Iowa	1845	Nilsson, Christine	Wederslof, Sweden	1843
Coghlan, Rose	Peterboro, England	1853	Nordica, Lillian	Farmington, Me	1858
Coquelin, Benoit C	Boulogne, France	1841	Olcott, Chauncey	Providence, R. I	1862
Crabtree, Lotta	New York City	1847	O'Neil, James	Ireland	1849
Crane, William H	Leicester, Mass	1845	Paderewski, Ignace J	Poland	1860
Daly, Dan	Boston, Mass	1863	Palmer, A. M	North Stonington, Ct	1838
Damrosch, Walter J	Breslau, Prussia	1862	Pastor, Tony	New York City	1837
Daniels, Frank	Boston, Mass	1860	Patti, Adelina	Madr'd	1843
Davis, Jessie Bartlett	Morris, Ill	1859	Plympton, Eben	Boston, Mass	1850
D'Arville, Camille	Holland	1863	Powers, James T	New York City	1862
De Belleville, Frederic	Belgium	1853	Rankin, A. McKee	Sandwich, Canada	1844
De Merode, Cleo	Paris	1874	Reed, Roland	Philadelphia, Pa	1852
De Reszke, Edonard	Warsaw, Poland	1855	Rehan, Ada	Limerick, Ireland	1860
De Reszke, Jean	Warsaw, Poland	1850	Rejane, Gabrielle	Paris, France	1857
De Wolfe, Elsie	New York City	1865	Robinson, Frederick	London, England	1832
Dickinson, Anna	Philadelphia, Pa	1842	Robson, Stuart	Annapolis, Md	1836
Dixey, Henry E	Boston, Mass	1859	Roze, Marie	Paris	1846
Dodson, J. E	London, England	1857	Russell, Annie	New York City	1864
Drew, John	Philadelphia, Pa	18 3	Russell, Lillian	Clinton, Iowa	1860
Duse, Eleanora	Vigevano, Italy	1861	Russell, Sol. Smith	Brunswick, Mo	1848
Eames, Emma Hayden	Shanghai, China	1868	Salvini, Tommaso	Milan, Italy	1830
Earle, Virginia	New York City	1873	Sanderson, Sybil	Sacramento, Cal	1869
Edeson, Robert	Baltimore, Md	1868	Seabrooke, Thomas Q	Mt. Vernon, N. Y	1860
Elliott, Maxine	Rockland, Me	1872	Sembrich, Marcella	Lemberg, Austria	1858
Elsler, Effie	Philadelphia, Pa	1858	Skinner, Otis	Cambridgeport, Mass	1857
Eytinge, Rose	Philadelphia, Pa	1837	Smith, Mark	Mobile, Ala	1855
Faversham, William	England	1868	Sorma, Agnes	Germany	1865
Fawcett, Owen	London, England	1838	Sothern, Edward H	England	1864
Fiske, Minnie Maddern	New Orleans	1865	Sousa, John Philip	Washington	1854
Florence, Mrs. W. J	New York City	1846	Stanhope, Adelaide	Paris, France	1858
Fox, Della	St. Louis, Mo	1871	Stevenson, Charles A	Dublin, Ireland	1842
Frohman, Charles	Sandusky, O	1858	Stoddart, J. H	Yorkshire, England	1827
Frohman, Daniel	Sandusky, O	1850	Studley, John B	Boston, Mass	1832
Germon, Effie	Augusta, Ga	1845	Sullivan, Sir Arthur	London	1842
Gerster, Etelka	Kaschau, Hungary	1857	Tearle, Osmond	Plymouth, England	1852
Gilbert, Mrs. G. H	Rochdale, England	1820	Templeton, Fay	Savannah	1861
Gilbert, William S	London	1836	Terry, Ellen	Coventry, England	1848
Gillette, William	Hartford, Ct	1853	Thompson, Denman	Girard, Pa	1833
Goodwin, Nat C	Boston, Mass	1857	Thompson, Lydia	London, England	1838
Hackett, James K	Canada	1869	Thursby, Emma	Brooklyn, N. Y	1857
Hading, Jane	Marseilles, France	1861	Toole, John L	London, England	1833
Hammerstein, Oscar	Berlin, Germany	1847	Tree, Beerbohm	England	1846
Hare, John	London, England	1844	Vezin, Hermann	Philadelphia, Pa	1829
Harned, Virginia	Boston, Mass	1868	Walcot, Charles	New York City	1840
Harrigan, Edward	New York City	1845	Walsh, Blanche	New York City	1873
Harrison, Maud	England	1858	Ward, Genevieve	New York City	1838
Hank, Minnie	New Orleans, La	1853	Warde, Frederick	Wadington, England	1851
Haworth, Joseph S	Providence, R. I	1855	Willard, E. S	Brighton, England	1853
Held, Anna	Paris	1873	Wilson, Francis	Philadelphia, Pa	1865
Herbert, Victor	Dublin, Ireland	1860	Wyndham, Charles	England	1841
Herne, James A	Troy, N. Y	1839	Yeamans, Annie	Isle of Man	1833

The New Plays of 1899.

A RECORD OF THE NEW PLAYS PRODUCED IN THE THEATRES OF NEW YORK FROM DECEMBER 1, 1898, TO DECEMBER 1, 1899, WITH THE RUN OF EACH PRODUCTION.

Dec. 5, 1898—Star. "A Spring Chicken," 8 times.
Dec. 5—Columbus: "Lost in Siberia," 8 times.
Dec. 6—Knickerbocker: "The Head of the Family," 32 times.
Dec. 12—People's: "Under the Dome," 8 times.
Dec. 19—Harlem Opera House: "Vagabondia," 8 times.
Dec. 24—Broadway: "The Sorrows of Satan," 24 times.
Dec. 26—Empire: "Phroso," 51 times.
Dec. 26—Herald Square: "The Little Host," 22 times.
Dec. 26—People's: "Remember the Maine," 8 times.
Dec. 26—Star: "A Female Drummer," 8 times.
Jan. 2, 1899—Knickerbocker: "Nathan Hale," 58 times.
Jan. 5—Irving Place: "Das Erbe," 7 times.
Jan. 9—Garrick: "Zaza," 163 times; September, October, 21 times; total, 184.
Jan. 9—Wallack's: "The Termagant," 7 times.
Jan. 9—Fourteenth Street: "A Romance of Athlone," 90 times.
Jan. 11—Casino: "La Belle Helene," 49 times.
Jan. 15—Herald Square: "That Man," 16 times.
Jan. 15—Madison Square: "Because She Loved Him So," 141 times.
Jan. 15—Academy of Music: "The Ragged Earl," 32 times.
Jan. 15—Grand Opera House: "The Evil Eye," 8 times.
Jan. 15—People's. "Chattanooga," 8 times.
Jan. 15—Star: "Daughters of the Poor," 8 times.
Jan. 30—Broadway: "The Three Dragoons," 43 times.
Jan. 30—Metropolis: "Through the Breakers," 8 times.
Jan. 31—Herald Square: "The Rev. Griffith Davenport," 28 times.
Feb. 1—Manhattan: "Mlle. Fifi," 94 times.
Feb. 2—Irving Place: "Busch und Reichenbach," 8 times.
Feb. 6—Wallack's: "At the White Horse Tavern," 65 times.
Feb. 6—People's: "Knobs o' Tennessee," 8 times.
Feb. 6—Daly's: "The Great Ruby," 140 times.
Feb. 6—Irving Place: "Jugendfreunde," 7 times.
Feb. 14—Empire. "Lorlei and Lady Algy," 95 times.
Feb. 16—Irving Place: "Freiwild," 7 times.
Feb. 20—Bijou: "Brown's in Town," 16 times.
Feb. 27—Knickerbocker: "The King's Musketeer," 48 times.
Feb. 27—Columbus: "Johnny on the Spot," 8 times.
Feb. 28—Irving Place: "Auf der Sonnensette," 7 times.
Feb. 28—Herald Square: "By the Sad Sea Waves," 39 times; Fourteenth Street, 24 times; Manhattan, 8 times; total, 71 times.
March 2—Victoria: "A Reign of Error," 148 times.
March 6—Garden: "The Last Chapter," 24 times.
March 6—People's: "The Victorian Cross," 8 times.
March 13—Lyceum: "Americans at Home," 18 times.
March 13—Columbus: "The King of the Opium Ring," 8 times.
March 13—Broadway: "The Musketeers," 36 times.
March 13—Metropolis: "The Air Ship," 8 times.
March 13—Irving Place: "Cyrano von Bergerac," 14 times.
March 20—Casino: "In Gay Paree," 42 times.
March 20—Columbus: "London Life," 8 times.
March 28—Fourteenth Street: "Report for Duty," 15 times.
March 29—Lyceum: "John Ingerfield," 13 times.
March 30—Fifth Avenue: "Little Italy," 5 times.
April 3—Bijou: "The Purple Lady," 36 times.
April 3—Wallack's: "The Cuckoo," 56 times.
April 10—Lyceum: "Rupert of Hentzau," 32 times.
April 10—Knickerbocker: "Colinette," 41 times.
April 10—People's: "Finnegan's Four Hundred," 8 times.
April 11—Fifth Avenue: "Citizen Pierre," 7 times.
April 24—New York: "The Man in the Moon," 186 times.
April 24—Manhattan: "The Manicure," 8 times.
April 25—Irving Place: "Buehrmann Henschel," 7 times.
April 29—Herald Square: "An Arabian Girl," 33 times.
May 1—Fourteenth Street: "Mother Goose," 16 times.
May 9—Lyceum: "His Excellency the Governor," 70 times.
May 9—American. "We Uns of Tennessee," 24 times.
May 22—Wallack's: "My Cousin," 7 times.
July 12—Casino: "The Rounders," 130 times.
Aug. 28, 1899—Wallack's: "A Little Ray of Sunshine," 21 times.
Aug. 28—Academy: "The Last of the Rohans," 48 times.
Aug. 28—Fourteenth Street: "A Young Wife," 56 times.
Aug. 28—Criterion: "The Girl from Maxim's," 64 times.
Aug. 28—Star: "A Soldier of the Empire," 8 times.
Sept. 2—Madison Square: "Why Smith Left Home," 73 times.
Sept. 2—Manhattan: "Mr. Smooth," 25 times.
Sept. 4—Bijou: "In Paradise," 56 times.
Sept. 7—Lyceum: "Miss Hobbs," still running Dec. 1.
Sept. 11—Empire: "The Tyranny of Tears," running Dec. 1.
Sept. 12—Fifth Avenue: "Becky Sharp," running Dec. 1.
Sept. 15—Broadway: "The Ghetto," 43 times.
Sept. 16—Herald Square: "The Only Way," 33 times; Garden Theatre, 40 times; total, 73 times.
Sept. 18—Knickerbocker: "Cyrano de Bergerac," 14 times.
Sept. 18—Wallack's: "The Gadfly," 14 times.
Sept. 18—Victoria: "The Rogers Brothers in Wall Street," still running Dec. 1.
Sept. 21—Weber & Fields': "Whirl-I-Gig" and "The Girl from Martin's," former still running, Dec. 1, latter 40 times.
Sept. 25—Manhattan: "A Stranger in a Strange Land," 49 times.
Oct. 2—Wallack's: "Peter Stuyvesant," 30 times.
Oct. 2—Garrick: "My Innocent Boy," 16 times.
Oct. 3—Irving Place: "Renaissance," 7 times.
Oct. 9—Star: "Through the Breakers," 8 times.
Oct. 16—Herald Square: "Children of the Ghetto," 43 times.
Oct. 16—Fourteenth Street: "The Dairy Farm," still running Dec. 1.
Oct. 16—Garrick: "The Girl in the Barracks," 24 times; at Madison Square, 8 times; total, 32 times.
Oct. 16—Irving Place: "Maedel als Rekrut," 21 times.
Oct. 16—Star: "The Policy Players," 8 times.
Oct. 23—Casino: "The Singing Girl," still running Dec. 1.
Oct. 23—Criterion: "Barbara Frietchie," still running Dec. 1.
Oct. 24—Broadway: "More than Queen," 34 times.
Oct. 24—Daly's: "The Song of the Sword," 39 times.
Oct. 26—Empire: Students' matinee: "The Flower of Yeddo," "On the Arcady Trail," "Nell."
Oct. 26—Weber & Fields': "The Other Way," still running Dec. 1.
Oct. 27—Bijou: "Sister Mary," still running Dec. 1.
Oct. 30—Knickerbocker: "Robespierre," 15 times.
Oct. 31—Wallack's: "A Rich Man's Son," still running Dec. 1.
Nov. 1—Knickerbocker: "The Amber Heart," 3 times.
Nov. 6—Garrick: "Sherlock Holmes," still running Dec. 1.
Nov. 6—Koster & Bial's: "Around New York in 80 Minutes," still running Dec. 1.
Nov. 8—Irving Place: "Das Opferlamm," 12 times.
Nov. 13—Manhattan: "Papa's Wife," still running Dec. 1.
Nov. 13—Madison Square: "Make Way for the Ladies," still running Dec. 1.
Nov. 17—Empire: Students' matinee: "The Fan," "Drusilla," "Afterthoughts."
Nov. 20—Knickerbocker: "The Elder Miss Blossom," still running Dec. 1.
Nov. 21—Irving Place: "Die Herren Sohne," 8 times.
Nov. 27—Daly's: "The Manœuvres of Jane," still running Dec. 1.
Nov. 28—Herald Square: "A Greek Slave," still running Dec. 1.
Nov. 28—Empire: Students' matinee: "Osbern and Ursyne."
Nov. 29—Broadway: "Ben Hur," still running Dec. 1.
Nov. 30—Irving Place: "Hofgunst," still running Dec. 1.

Besides those at the "combination" houses and by stock companies, the most important revivals of the year have been: Academy of Music, Oct. 9 to Nov. 11, "The Old Homestead;" Academy of Music, Nov. 13, still running Dec. 1, "Way Down East;" Garden Theatre, Nov. 20, still running Dec. 1, "Cyrano de Bergerac."

SOME NEW PLAYS AND IMPORTANT REVIVALS AT THE PRINCIPAL LONDON THEATRES, DECEMBER 1, 1898, TO DECEMBER 1, 1899.

Dec. 31, 1898—Royalty: "A Little Ray of Sunshine."
Jan. 5, 1899—Her Majesty's: "The Ambassador" and "The Repentance."
Feb. 13—Lyceum: "The Only Way."
March 8—Comedy: "A Lady of Quality."
April 6—Criterion: "The Tyranny of Tears."
April 8—Globe. "The Gay Lord Quex."
April 12—Her Majesty's: "Carnac Sahib."
April 15—Lyceum: "Robespierre."
June 6—Duke of York's: "The Cowboy and the Lady."
June 12—Adelphi: Sarah Bernhardt as Hamlet.
June 19—Duke of York's: "An American Citizen."
Aug. 31—Haymarket: "The Degenerates."
Sept. 16—Drury Lane: "Hearts Are Trumps."
Sept. 20—Her Majesty's: "King John."
Sept. 21—Prince of Wales': "Moonlight Blossom."
Oct. 28—Haymarket: "The Black Tulip."
Oct. 28—Terry's: "The Featherstones."
Nov. 27—Prince of Wales': "The Canary."
Nov. 29—Savoy: "The Rose of Persia."

Literature in 1899.

THE NOTABLE BOOKS OF THE YEAR.

An average of 5,000 books per year comes from the presses of the publishers of the United States. A look at the titles of these books brings clearly before the mind of an experienced reader the leading events of the year. During 1899 the subjects most talked of in America were the territory conquered in the Spanish-American War—Cuba, the Philippines—Hawaii, the annexed possessions; expansion; Kipling's dangerous illness; the Dreyfus trial; the triumphal return of Admiral Dewey; the South African conditions; and the unprecedented popularity of fiction by American authors.

FICTION.

At the turn of the year all the world was reading Page's "Red Rock," Hopkinson Smith's "Caleb West," Harold Frederic's "Gloria Mundi," Miss Johnston's "Prisoners of Hope," Caskoden's "When Knighthood Was in Flower," and Westcott's "David Harum," and these books are still popular throughout the land, the latter having sold 350,000 copies. Bearing date 1899 came "Richard Carvel," by Winston Churchill, a story of the American Revolution, introducing Washington, Paul Jones, Fox, and Horace Walpole, and already 220,000 are printed. "Janice Meredith," by Paul Leicester Ford, covering the same period, bids fair to become a dangerous rival. "The Market Place," by Harold Frederic, has also stood among the six best-selling books of a month. Kipling's books were much read, in a measure owing to the widespread anxiety at the time of his illness, and the year was rich in Kiplingiana of every kind—stories, birthday books, calendars, criticisms, explanations, etc.

"Via Crucis," by F. Marion Crawford, is a romance of the second crusade, introducing Queen Eleanor of France and Bernard of Clairvaux. "The Open Question," by C. E. Raimond, was a serious novel dealing with the question of heredity; "Windyhaugh," by Graham Travers, a plea for goodness and womanliness as beyond all intellectual gifts for women; "Taming of the Jungle," by Dr. C. W. Doyle, a strong story of India; "Children of the Mist," a highly original novel, of Devonshire, Eng., by Eden Phillpotts; "Cashel Byron's Profession," an arraignment of the artificiality of polite society in England, by Bernard Shaw, the playwright, whose hero is a prize-fighter; "The Sword of Justice," by Sheppard Stevens, dealing with the French and Indian War, and a valuable study of Indian customs; "The Mormon Prophet," by Lily Dougall, a character study of Joseph Smith, and "The King's Mirror," by Anthony Hope.

Grant Allen died recently, and then it was discovered that "The Typewriter Girl" and "Rosalba," both purporting to be the work of Olive Pratt Rayner, were from his pen; and under his own name appeared "Miss Cayley's Adventures," describing European travel. Among the new works of standard authors were Crockett's "Kit Kennedy," Harraden's "The Fowler," Edward F. Benson's "Mammon & Co.," Gissing's "Crown of Life," Besant's "The Orange Girl," Miss Murfree's "Story of Old Fort Loudon," Stockton's "Vizier of the Two-Horned Alexander," Richard Harding Davis' "The Lion and the Unicorn," Mrs. Burton Harrison's "Circle of the Century," Henry James' "The Awkward Age," W. D. Howells' "Ragged Lady," and Charles Dudley Warner's "That Fortune."

Fiction dealing with the sea, the railroad, and the telegraph was a feature of the year. To this class belong "In Hampton Roads," by Charles Eugene Banks and George Crain Cook, a story of the Civil War, dealing with the invention of ironclads, and detailing the work of the Merrimac and the Monitor; Bullen's "Cruise of the Cachalot" and "Idylls of the Sea," Hamblen's "Yarn of a Bucko Mate" and Hains' "Wind Jammers." The railroad is made romantic in Merwin Webster's "The Short Line War," Warman's "Snow on the Headlight" and "The White Mail," and Hill's "Stories of the Railroad," while Brady's "Tales of the Telegraph" does the same for that method of communication. Also a feature of the year were novels dealing with questions of education and social problems, the tone in most being of a very high morality. Of such were Stuart's "Averages," Dowson-Moore's "Adrian Rome," Whiteing's "No. 5 John Street," one of the most widely read of the books of the year, dealing with the contrasts of poverty and luxury in London; Mallock's "Tristram Lacy," White's "Differences," Sherwood's "Henry Worthington, Idealist," a study of department store problems; Sawyer's "A Local Habitation" (labor problems and journalism), Pendered's "Michael Rolf, Englishman" (real and artificial class distinctions and prejudices), and Lynde's "The Helpers" (study of gambling). Very strong were "McTeague," a San Francisco study by Frank Norris, and "The Maternity of Harriott Wicken," by Mrs. Dudeney, a story of heredity too realistic for fiction. A feature of the year was also the dramatization of fiction and the turning of plays into novels. At the moment Dickens' "Tale of Two Cities," Wallace's "Ben Hur," Thackeray's "Vanity Fair," Zangwill's "Children of the Ghetto," Anthony Hope's "Phroso," etc., are on the stage, while Sardou's "Robespierre," Rostand's "Cyrano de Bergerac," etc., have been lengthened into novels.

The short stories of special merit were: Wharton's "Greater Inclination," Chesnutt's "The Conjure Woman," Dawes' "Stories of Colonial Mansions," Hewlett's "Little Novels of Italy," Catherwood's "Mackinac Lake Stories," Risley's "Men's Tragedies," Brown's "Tiverton Tales," King's "Stories of the War of 1898," and Hopkinson Smith's "The Other Fellow."

POLITICAL AND SOCIAL.

Books relating to the Spanish-American War and its consequences are grouped here regardless of their biographical, descriptive, or historical bearings. Also books on South Africa. William T. Stead made a trip to all the capitals of Europe to gather information of the political situation of 1899 regarding the Peace Rescript of the Czar of Russia and American expansion. The result was "The United States of Europe on the Eve of the Parliament of Peace;" "Can We Disarm?" arguments for and against, by Joseph McCabe and George Darian; "Future of War," by I. S. Bloch, discussing technical, economic, and political relations: "The Federation of the World," by Benjamin F. Trueblood, Secretary of the American Peace Society; "Anglo-Saxon Superiority," by Edmund Demolins; "The History of American Expansion" and "Our Four New Possessions," by Murat Halstead; "Our Nation's Peril," by Louis G. James, against imperialism; "Imperialism and the Tracks of Our Forefathers," by Charles Francis Adams (against); "The Imperial Republic," by J. C. Fernald, assistant editor of the Standard Dictionary (favors); "Imperial Democracy," by David Starr Jordan (against expansion); "The Foreign Policy of the United States," discussions before the American Academy of Political and Social Science; "Democracy," by James Hervey Hyslop, Professor of Logic and Ethics in Columbia University—a remarkable exposition of true democracy, its duties, privileges, and responsibilities; "Everything About Our New Possessions," by T. J. Vivian and Ruel P. Smith (chiefly statistics). Henry Cabot Lodge wrote "Our War with Spain," an authoritative book; books on Hawaii were written by William Fremont Blackman, Edmond James Carpenter, Caspar Whitney, and Lucien Young; the Philippines were described from every point of view by Rev. Ambrose Coleman, Amos Kidder Fiske, Lala, F. D. Millet, John W.

LITERATURE IN 1899—*Continued.*

Taylor, and G. J. Younghusband. Fifteen books, of more than average merit, related to Cuba; among the authors were Hobson, Kennan, Bonsal, Wheeler, etc.; important books dealt with Porto Rico; Amos Kidder Fiske wrote of the West Indies as a whole, and Sigsbee of the ill-fated Maine. There were five biographies of Admiral Dewey, of which the best is John Barrett's.

Fourteen books dealt with Africa as a whole and with various sections, and nine books dealt with the South African conditions; the authors were Knox-Little, Olive Schreiner, Hillegas ("Oom Paul's People"), Mary H. Kingsley, etc.

Municipal government, trusts, labor problems, etc., were dealt with in Seth Low's "Trend of the Century," Henry Wallace's "Trusts and How to Deal with Them," Hirsch's "Democracy Against Trusts and Free Silver," Weber's "Growth of Cities," Bemis' "Municipal Monopolies," James' "Growth of Great Cities," Breen's "Thirty Years of New York Politics," Marat's "Labor Literature," Flynt's "Tramping with Tramps," George's "Involuntary Idleness of Labor," Prevez's "Economic Aspects of Charity," Stephens' "Working People," Ferris' "Pauperizing the Rich," Veblen's "Theory of the Leisure Class," Gordon's "Government Ownership of Railroads," David Starr Jordan's "Economics," Daniels' "Public Finance," and Francis Amasa Walker's "Discussions on Economics and Statistics." Of great interest to industrial America are Sargent's "Corn Plants," Wilkinson's "Story of the Cotton Plant," Myrich's "American Sugar Industry," and Stewart's "Shall We Grow the Sugar That We Consume?" Also timely are Cook's "Comparative Study of the Negro Problem," Cross' "The Negro and the Sunny South," and Love's "Disfranchisement of the Negro." The woman problem produced "Occupations of Women," "Ideal New Woman," Dana's "Woman's Possibilities," Dodge's "What Women Can Earn," Heinzen's "Rights of Woman," and Marholm's "Studies in the Psychology of Women."

BIOGRAPHY AND HISTORY.

The year was unusually rich in biography and correspondence. "Who's Who in America," edited by Leonard, is modelled on the book that has appeared annually in England for fifty-one years. "James R. Lowell and His Friends," by E. E. Hale; Mrs. Julia Ward Howe's "Reminiscences," T. W. Higginson's "Contemporaries," the men and women of the fifties in America; E. P. Roe's "Reminiscences," Fisher's "True William Penn," P. L. Ford's "Many-sided Franklin," Hapgood's "Abraham Lincoln," Cathey's "Abraham Lincoln," Gorham's "Life of Stanton," "Art Life of William Morris Hunt," etc.

English biography included "The Life of George Borrow" (Bible in Spain), "Stevenson's Letters," Spurgeon's "Autobiography," "Life of Lewis Carroll" ("Alice in Wonderland"), "Letters of Robert and Elizabeth Barrett Browning," Justin McCarthy's "Reminiscences," Mrs. Oliphant's "Autobiography," Monkhouse's "Kipling," and Clemens' "Ken of Kipling," etc.

From the French we have Victor Hugo's "Memoirs," "Personal Opinions of Balzac," "Dreyfus' Letters to His Wife," Steevens' "Tragedy of Dreyfus," Harding's "Story of Dreyfus," and Decle's "Trooper 3809," dealing with conditions in the French Army making possible a "Dreyfus affair." Other European celebrities were covered in three lives of Leo XIII., and one announced by F. Marion Crawford, not quite ready; two lives of Bismarck, two biographies of Elizabeth, Empress of Austria (assassinated in the Spring), Stillman's "Crispi," "Reminiscences of Prince Krapotkin," etc.,

Of historical importance are Edwin A. Grosvenor's "Contemporary History of the World," covering the last fifty years; Ripley's "Races of Europe," Trevelyan's "American Revolution," of which the first volume promises a fine work; Ropes' "Story of the Civil War," brought to special attention by the death of the author; Wise's "End of an Epoch," United States history to the end of the Civil War; the fifth volume of McMasters' "History of the United States," McCarthy's "Story of the People of England," Maclay's "American Privateering," Matthews' "Navy in 1861-1878," Wagner's "United States Army and Navy," Laughton's "From Howard to Nelson," Clowes' "Royal Navy," etc.

DESCRIPTION AND TRAVEL.

Heilprin's "Alaska and the Klondike," Hemstreet's "Old New York," Shoemaker's "Quaint Corners of Philadelphia," "Monumental Guide to Gettysburg," Simpson's "Edinburgh Days," Johnson's "Among English Hedgerows," "Famous Homes of Great Britain," "Troubadours at Home," "Feudal Chateaux of France," Meldrum's "Holland," Ransome's "Japan," Hearn's "In Ghostly Japan," Steevens' "In India," Mrs. Bird Bishop's "Yang-tse-Valley," Penfield's "Egypt."

LITERARY MISCELLANY.

Beers' "English Romanticism in the Eighteenth Century," Corson's "Introduction to Milton," Wiener's "Yiddish Literature," "Literatures of the World (Austrian, Japanese, Hungarian)," Darrow's "Realism," Hyde's "Literary History of Ireland," Trent's "Authority of Criticism," Smith's "Stories of Great National Songs," Cross' "English Novel," Max Muller's "Old Lang Syne," two series of reminiscences of literary subjects, Johnson's "Testimony of Shakespeare's Sonnets," two books on Edgar Allen Poe, one by Fruit, the other by Benton; Dominic's "Contemporary French Novelists," D. G. Mitchell's "American Lands and Letters," covering to Fenimore Cooper; Kipling's "From Sea to Sea," and several other works made up from Kipling's writings.

MISCELLANEOUS.

"The Man with the Hoe," a poem in a book by Edward Markham, was one of the most discussed literary products of the year; Dunbar's "Lyrics of the Hearthstone" and Realf's "Poems" were also much read; a memorial edition was published of the poems of Timrod, the ill-fated Southern singer. Of interest to theatre, opera, and concert patrons were Wagnalls' "Stars of Opera," Annesley's "Standard Opera Glass," the memorial volume for Anton Seidl, Stebbins' "Charlotte Cushman," Huret's "Sarah Bernhardt," "Reminiscences of Mrs. Drew," Hiatt's "Ellen Terry and Her Impersonations," Huneker's "Mezzotints in Modern Music," Henderson's "Orchestra," "How Music Developed," etc.

The year was phenomenally rich in books on painters and musicians. George William Jordan's essays that made so great a success as editorials in the *Saturday Evening Post*, of Philadelphia, were issued as "Kingship of Self-Control," and other books dealing with ethics were Robert Grant's "Search-Light Letters," Hamilton Mabie's "Life of the Spirit," Fiske's "Through Nature to God," Lecky's "Map of Life," Knowlton's "Art of Thinking," Drummond's "City Without a Church," Van Dyke's "Fisherman's Luck," four examinations of "Christian Science," and a book among the sensations of the year, said to have sold nearly 3,000,000 copies, was Sheldon's "In His Steps; or, What Would Jesus Do?" Bernard Shaw, in "The Perfect Wagnerite," tried to prove that Wagner's music was meant to show up the social conditions of the modern world, and "Mr. Dooley in the Hearts of His Countrymen" is almost as good as the original Dooley volume. Works on education of great value were also a feature of the year.

Copyright Law of the United States.

DIRECTIONS FOR SECURING COPYRIGHT UNDER THE REVISED ACTS OF CONGRESS, INCLUDING THE PROVISIONS FOR FOREIGN COPYRIGHT, BY ACT OF MARCH 3, 1891.

SECTION 4,952 of the Revised Statutes of the United States, in force December 1, 1873, as amended by the act of June 18, 1874, as amended by the act of March 3, 1891, provides that the author, inventor, designer, or proprietor of any book, map, chart, dramatic or musical composition, engraving, cut, print, or photograph or negative thereof, or of a painting, drawing, chromo, statuary, and of models or designs intended to be perfected as works of the fine arts, and the executors, administrators, or assigns of any such person, shall, upon complying with the provisions of this chapter, have the sole liberty of printing, reprinting, publishing, completing, copying, executing, finishing, and vending the same; and, in the case of a dramatic composition, of publicly performing or representing it, or causing it to be performed or represented by others. And authors or their assigns shall have exclusive right to dramatize or translate any of their works for which copyright shall have been obtained under the laws of the United States.

PRINTED TITLE REQUIRED.

A *printed* copy of the title of the book, map, chart, dramatic or musical composition, engraving, cut, print, photograph, or chromo, or a *description* of the painting, drawing statue, statuary, or model or design for a work of the fine arts, for which copyright is desired, must be delivered to the Librarian of Congress, or deposited in the mail, within the United States, *prepaid*, addressed "LIBRARIAN OF CONGRESS, WASHINGTON, D. C." This must be done on or before day of publication in this or any foreign country.

The *printed title* required may be a copy of the title-page of such publications as have title-pages. *In other cases, the title must be printed expressly for copyright entry*, with name of claimant of copyright. The style of type is immaterial, and the print of a typewriter will be accepted. But a separate title is required for each entry, and *each* title must be printed on paper as large as commercial note. The title of a *periodical* must include the date and number; and each number of a periodical requires a separate entry of copyright. Blank forms of application are furnished to applicants.

FEES.

The legal fee for *recording* each copyright claim is 50 cents, and for a *copy* of this record (or certificate of copyright under the seal of the office) an additional fee of 50 cents is required, making $1, if certificate is wanted, which will be mailed as soon as reached in the records. No money is to be placed in any package of books, music, or other publications. A bank check to order avoids all risk. In the case of publications which are the production of persons not citizens or residents of the United States, the fee for recording title is $1, and 50 cents additional for a copy of the record. Certificates covering more than one entry in one certificate are not issued. Bank checks, money orders, and currency only taken for fees. No postage stamps received.

Not later than the day of publication in this country or abroad, two complete copies of the best edition of each book or other article must be delivered, or deposited in the mail within the United States, addressed "LIBRARIAN OF CONGRESS, WASHINGTON, D. C.," to perfect the copyright.

The freight or postage must be prepaid, or the publications inclosed in parcels covered by printed penalty-labels, furnished by the Librarian, in which case they will come FREE by mail (*not express*), without limit of weight, according to rulings of the Post-Office Department. Books must be printed from type set in the United States or plates made therefrom; photographs from negatives made in the United States; chromos and lithographs from drawings on stone or transfers therefrom made in the United States. Without the deposit of copies above required, the copyright is void, and a penalty of $25 is incurred. No copy is required to be deposited elsewhere.

The law requires one copy of each new edition wherein any substantial changes are made to be deposited with the Librarian of Congress.

NOTICE OF COPYRIGHT.

No copyright is valid unless notice is given by inserting in every copy published, on the title-page or the page following, if it be a book; or if a map, chart, musical composition, print, cut, engraving, photograph, painting, drawing, chromo, statue, statuary, or model or design intended to be perfected as a work of the fine arts, by inscribing upon some portion thereof, or on the substance on which the same is mounted, the following words, viz.: "*Entered according to act of Congress, in the year* ——, *by* ——, *in the office of the Librarian of Congress, at Washington*," at the option of the person entering the copyright, the words: "*Copyright*, 18—, *by* ——."

The law imposes a penalty of $100 upon any person who has not obtained copyright who shall insert the notice, "*Entered according to act of Congress*," or "*Copyright*," etc., or words of the same import, in or upon any book or other article.

TRANSLATIONS.

The copyright law secures to authors and their assigns the exclusive right to translate or to dramatize any of their works; no notice is required to enforce this right.

DURATION OF COPYRIGHT.

The original term of copyright runs for twenty-eight years. *Within six months before* the end of that time, the author or designer, or his widow or children, may secure a renewal for the further term of fourteen years, making forty-two in all.

RENEWALS.

Application for renewal must be accompanied by printed title and fee; and by explicit statement of ownership, in the case of the author, or of relationship, in the case of his heirs, and must state definitely the date and place of entry of the original copyright. Within two months from date of renewal the record thereof must be advertised in an American newspaper for four weeks.

TIME OF PUBLICATION.

The time of publication is not limited by any law or regulation, but the courts have held that it should take place "within a reasonable time." A copyright may be secured for a projected as well as for a completed work. But the law provides for no *caveat* or notice of interference—only for actual entry of title.

ASSIGNMENTS.

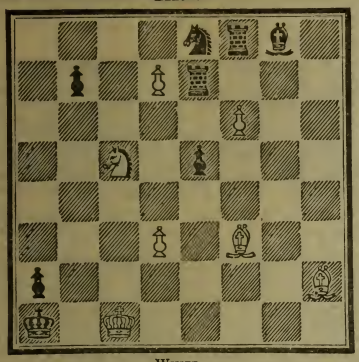
Copyrights are assignable by any instrument of writing. Such assignment, to be valid, is to be recorded in the office of the Librarian of Congress within sixty days from execution. The fee for this record and certificate is $1, and for a certified copy of any record of assignment $1.

A copy of the record (or duplicate certificate) of any copyright entry will be furnished, under seal of the office, at the rate of 50 cents each.

Chess.

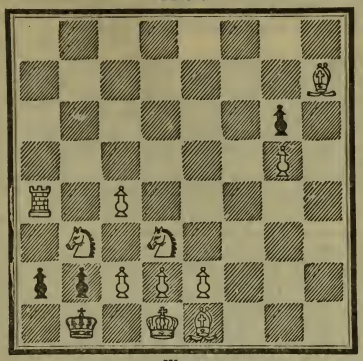
PROBLEMS OF THE YEAR 1899.

BLACK.



WHITE.
White to play and mate in three moves.

BLACK.



WHITE.
White to play and mate in three moves.

The above problems, the first by J. Drtina and the second by A. Silvestre, are selected as two of the most remarkable compositions which appeared during the last year.

1899 Was replete with the usual number of interesting and important events which mark the close of a great century of chess development.

In the fourth cable match for the Newnes Trophy between the American and British players, March 10 and 11, the Americans won by the score of 6 to 4, the pairing and results being as follows:

AMERICANS.		BRITISH.		AMERICANS.		BRITISH.	
H. N. Pillsbury	0	J. H. Blackburne	1	H. G. Voight	½	H. Jacobs.	½
J. W. Showalter	1	H. E. Atkins	0	S. P. Johnston	½	C D. Locock	½
J. F. Barry	1	T F Lawrence	0	F J. Marshall	½	G E. Wainwright	½
A. B. Hodges	1	E. M. Jackson	0	C. J. Newman	½	G. E Bellingham	½
Edward Hymes	½	D Y Mills	½	D. J. Baird	½	H. W Trenchard	½
Total	3½	Total	1½	Total	2½	Total	2½

Each side has now won two matches; the grand totals being 19½ games to 18½, in favor of the Americans, who now hold the trophy. Arrangements are being made for the fifth contest.

An international cable match was played between the American and British Universities April 21, and was won by the British, with the score of 3½ to 2½. The contest will be an annual affair, as Prof Isaac L. Rice has donated a handsome international trophy for that purpose.

The annual intercollegiate tournament was held as usual during Christmas week, 1898, and resulted in favor of Harvard with 10 victories, Columbia, 8½; Yale, 2½, and Princeton 3. This makes five successive wins for Harvard since Columbia won in 1892 and 1893.

The State Chess Associations held their annual meetings and tournaments on Washington's Birthday in the States of New York, Pennsylvania, New Jersey, Rhode Island, Ohio and Virginia. William M. DeVisser won the championship cup of the New York State Association, and S. Lipschutz carried off the first prize of the tournament of the midsummer meeting, held at Saratoga August 28 30

Janowski, the distinguished Polish champion, played two matches with Showalter, winning the first by the score of 7 to 2 with 4 draws, and losing the second match by 8 to 4 and 1 draw.

The chief event of the year was the great International Tournament held in London during July, in which Champion Lasker carried off the first prize against a field of the leading masters of the world, the following being the names and scores of the players:

Lasker	22½	Blackburne	15½	Steinitz	11½
Janowski	18	Tschigorin	15	Lee	9½
Pillsbury	18	Showalter	12½	Bird	7
Moroczy	18	Mason	12	Tinsley	6
Schlechter	17	Cohn	11½	Teichman	2

As there were but nine prizes, it may be noted as a remarkable fact that for the first time in his eventful career ex-Champion Steinitz was not placed.

It may also be noted that Tschigorin, who only won the seventh prize, carried off the chief honors in the Russian National Tournament subsequently held at Moscow, the winners being: Tschigorin 10, Schiffers 7½ Lewitki 7. Lebedew 6½, Janowitsch 6. Hellbach and Nenarokow 5½.

Preparations are being made for an international tournament to be held on a grand scale in connection with the forthcoming Paris Exhibition.

The following are the solutions to the problems of 1898, contained in last year s ALMANAC:

PROBLEM NO. 1—BY GILBERG.

White.	Black.
1. B—Q Kt 6.	1. P x B.
2. B—Q R 4.	2. Moves.
3. Mates.	

PROBLEM NO. 2—BY GILBERG.

White.	Black.
1. Q—K Kt 4.	1. P—Q B 6.
2. B—Q B 4.	2. Moves.
3. Q Mates.	

Geographical Progress in 1899.

A RETROSPECT of the explorations and discoveries of 1899 reveals greater perseverance and activity in Polar expeditions and in the exploration of the Dark Continent than in any other field of geographical research. The following is mainly an outline of the achievements of noted explorers in these and in other quarters of the globe.

POLAR EXPLORATION.

About the middle of February, 1899. after wintering in a canvas-covered hut at Cape Tegetthoff, Hall Island, latitude 80° North, the American explorer, Mr. Walter Wellman, with three Norwegians and forty-five dogs, started north. The expedition had two objects in view—the discovery of the North Pole and the exploration of Franz Josef Land, in the latter of which Mr. Wellman was successful, and the mapping of the archipelago is now practically complete. About a month after leaving Winter quarters a fall into a crevasse necessitated Mr. Wellman's retreat. Otherwise 87° North would doubtless have been reached Many unknown regions were explored. notwithstanding this, and the subsequent loss, through an earthquake. of some of the sledges and dogs. No vestige of Andrée was found. An Italian expedition, commanded by the Duke of Abruzzi, who had followed in the track of the American with the same objects in view was met by him in Franz Josef Land on August 9. At 80.30° the two expeditions separated

A Swedish expedition to East Greenland conducted by Dr. A. G. Nathorst found that the interior of Franz Josef Fjord lay 2° further east than was supposed, and that the fjord narrowed toward the interior and was much smaller than maps would indicate. A new fjord was also discovered connected with the southern branch of Franz Josef, and was named King Oscar's. It extends southward to Davy Sound, two branches to the eastward connecting it with the sea. Besides this important discovery. both fjords were mapped, as also was Hurry Inlet, and the correct longitude of the Liverpool coast was ascertained Dr. Nathorst sailed about 800 nautical miles through the waters of Antarctic Sound, where no ship had ever passed. The expedition failed in its main object. the discovery of some traces of Andrée. A Danish expedition from Copenhagen to East Greenland, under the command of Lieutenant Amdrup, R. D. N., explored the coast as far as 67½°, establishing depots at 66° 6′ and 67° 15′. Further operations in the Arctic regions, with the object of discovering the northern side of Greenland, and thus, if possible, reaching the Pole, have been carried on by Lieutenant Peary and the Norwegian Captain Sverdrup, of the Fram. Dr. Nansen's vessel. The Peary auxiliary expedition, which sailed with supplies from St. John's on July 15. conveyed to Ellesmere Land Dr. Robert Stein, of Washington, and other explorers. Scientific observations and experiments were also made by the Russian Admiral Makaroff from the Yermak, a powerful vessel specially built for Polar exploration.

In the Antarctic regions German deep-sea exploration. besides proving that the Southern Ocean is of astonishing depth, has discovered indications of the nature of the Antarctic Continent, through fragments of granite, gneiss, and schist conveyed from the shores and dropped by icebergs. Professor Chun found Bouvet Island to be of volcanic origin. Its centre lies in latitude 54° 26.4′ South, longitude 30 24.2′ East. It is 5.1 nautical miles from east to west, and 4.3 from north to south. The loftiest point of its crater rim (Kaiser Wilhelm peak) is 3,067 feet high. One vast glacier covers the whole, forming on two sides a wall of ice 400 feet in height. Soundings taken between Enderby Land and Kerguelen Island revealed great abysses 2,000 to 3,000 fathoms in depth. Another Antarctic expedition, organized by Sir George Newnes under the British flag, after reaching Cape Adare, was assailed by terrific storms. After landing an exploring party and supplies, the vessel (Southern Cross) returned to New Zealand.

AFRICAN EXPLORATION.

In Africa Col. J. R. L. Macdonald explored the unknown regions lying to the north of Uganda, between the Nile and Lake Rudolf, collecting many facts respecting the drainage of those districts. He also discovered that the plateaus of Maus, Nandi, and the Guash Ngishu extend, at reduced elevations, far to the northward. For the first time the western shore of Lake Rudolf has been correctly laid down by Captain Austin. Another successful journey in the same quarter was undertaken by Captain Welby, who collected much interesting information respecting the numerous tribes through which he passed. A scientific expedition to the Central African lakes, under the direction of J. E. Moore, found the greatest depth of Lake Nyasa to be 430 fathoms. An expedition in the French Congo, under the conduct of M. Fourneau, was also a notable success. Leaving Wesso February 14, M. Fourneau pushed on to the River Mambili, and thence through an uninhabited wilderness where no food could be found to a settlement of the Bakabos. After reaching the basin of the Ivindo, he turned north and then veered toward the west, reaching the Albombe on April 2. M. Fourneau then penetrated to the Pahuin country as far as the Bokowe. He reached Gabun on the 10th of June. The journey from the upper Sanga to the coast was made via the River Como, a tributary of the Ogvive. An expedition to the southeast corner of the Cameroons via the Congo was sent out under Dr. Pleyn, and the upper course of the Ngoko (a branch of the Sanga), which constitutes for some distance the boundary between the French and the German territories, was explored. By traversing regions entirely uninhabited Dr. Pleyn reached the junction of the Bumba and the Ya, which, uniting, form the Ngoko, and these in turn were explored. He found the country covered with primeval forest, rich in rubber and abounding in elephants. An expedition for the special study of the rubber plant was despatched to West Africa by the Committee on Colonial Agriculture in Berlin under the direction of Herr Schlecter. Further explorations were made in the region of Bangweulu by Mr. Weatherby, and Mt. Kenya was climbed by Mr. Mackinder, who found it over 17,000 feet in altitude.

The remarkable journey across Africa accomplished by the French military expedition under Major Marchand proved of scientific as well as political importance. Two other French expeditions under Captains Voulet and Chanoine, after pursuing different routes, met at Lausanne Housa January 2. Hostilities having broken out between the French and the natives, charges of gross cruelty were preferred against Voulet and Chanoine and Colonel Klobb was sent out to investigate. Bloodshed followed and the leaders of both parties were killed. During the visit of the Marchand mission the correct latitude and longitude of the present capital of Abyssinia was determined by Captain Germain and Sub-Lieutenant Dyé, that given on the best maps having been very inaccurate. A journey through the interior of Morocco was made by Dr. F. Weisgerber, who visited localities rarely, if ever, reached by Europeans, and the Tensift River, hitherto but partially known, was explored by Dr. Th. Fischer from the plain of El Hamar to the city of Morocco. A belt of black soil of astonishing fertility was discovered, extending from Tensift to the Sebu, parallel with the coast, and interesting data respecting the foreland formation of the Atlas Mountains secured.

Further east a military expedition marched from Biskra to Ouargla via Tougourt, showing that troops could be marched over the sands and insurrections suppressed in the extreme south of Algeria.

GEOGRAPHICAL PROGRESS IN 1899—*Continued.*

In the west another French expedition for the exploring of the upper Kavalli made its way from Bereby Rock, Ivory Coast, to the Duo River. In Ashanti a lake situated near the Guinea coast was explored by a French missionary, M. E. Perregaux, who found a score of native fishing hamlets along its shores. Exploratory work was also done by M. de Béhagle at the source of the Gribingi River. In the south, the Zambesi was ascended by Major Gibbons, who remapped the river, rectifying many mistakes. He found the waterfalls much more numerous than laid down on maps.

EXPLORATIONS IN SOUTH AMERICA.

In the Western Hemisphere South America, particularly the southern portion, has during the past year yielded many of its secrets to the indefatigable efforts of explorers. In Southern Chile a large river, the Rio Baker (Las Heras), was explored by Dr. Steffen. The river is the largest south of the Palena. It drains the whole region between latitude 46° 5′ and 47° 30′ S., and also Lakes Buenos Ayres and Cochrane. Extensive swamps skirt the banks. The valley is broad and inclosed by lofty snow-covered mountains. Dr. Steffen's claims of original discovery are, however, disputed by the Argentine explorer, Dr. F. P. Moreno. Dr. Paul Krüger traced the course of the Patagonian Rio Yelcho to the debouchure of the Corintos, proving thereby its identity with the Futaleupe (or Staleupe). He showed that the Futaleupe is not, as supposed, a continuation of the Rio Frio, a tributary of the Palena, but merely the upper portion of the Yelcho, which offers a comparatively easy route from the sea to the colonies in the interior. The so-called Palbitad Fiord to the southward, as shown on maps of that region, does not exist. A small stream, however, was found in its place and named the Rio Palbitad.

GENERAL.

As a result of his explorations in Central America Dr. Carl Sapper contributed interesting facts as to the physical features of the northern regions. The original mountain system which covers a considerable area he found to be a continuation of the Archæan arc of the eastern Sierra Madre of Mexico. In Asia much interesting information was collected by Robert T. Turley in a journey to "No Man's Land," Manchuria, and the picturesque and all but unknown gorges of Hun Kiang, surpassingly beautiful in their icy grandeur. From further south valuable additions to the geography of China were contributed by the French traveller, M. Bonin. Since last year Sha-si, the centre of the greatest weaving district of China, has been opened up to foreign trade.

From India two pioneer ascents in the Himalayas were reported, Biafo Glacier and Hispar Pass, by Fanny Babcock Workman, and also a Danish expedition to explore the upper valleys of the Hindu-Kush, under the leadership of Lieutenant Olufsen. Many interesting facts concerning the aborigines of the island of Formosa have come to light, thanks to the explorations of the Japanese in that quarter. In North Borneo Mt. Kinabalu was ascended by H. T. Burls, who collected much interesting geological data. From Australia was reported an expedition, the object of which was the discovery of the remains of Dr. Leichhardt's expedition, which was lost in the interior fifty-two years ago.

In Iceland, Mr. F. W. W. Howell successfully accomplished the crossing of the Láng Jökull, accompanied by two Oxford men and two Icelanders.

There was considerable progress made during the year in oceanic research. Mr. R. E. Peake, in the steamship Britannia, secured 477 deep soundings in the North Atlantic, besides a large collection of deep-sea deposits, and made many deep-sea current and temperature observations. In the Pacific deep-sea investigation was continued by Alexander Agassiz from the United States steamer Albatross, and in the East Indian seas by Professor Weber on a Dutch warship. Operations in the Black and in the Caspian Sea have also been conducted by the Russians. About nine miles from Sebastopol an ancient city was unearthed by Dr. Kaspar, director of the Russian Archæological Society, and thousands of objects were brought to light, including bronze and marble statues, and coins dating from the Christian Byzantine period.

SEVENTH INTERNATIONAL GEOGRAPHICAL CONGRESS.

The Congress met in Berlin September 28. Baron Richthofen presided and delivered the address of welcome. Continuing he reviewed the geographical progress of the century. Sir Clements Markham, President of the previous Congress (London, 1895), then presented report of permanent bureau, and resigned his office. The report contained recommendations regarding the triangulation of Africa and the proposed map of the world on a scale of 1-1,000,000, and also announced that hydrographic research would shortly be undertaken in the North Sea by the British, German, and Scandinavian Governments in collaboration. He then outlined a proposed plan for the thorough scientific exploration of the entire South Polar region by means of two expeditions to be conducted simultaneously by Great Britain and Germany in coöperation in 1901. (Sums of money have already been donated by both governments, and also by private individuals, for this purpose.) About a hundred papers were read and discussed. Oceanographical exploration and the question of international uniformity in nomenclature received special attention. The geographical work of the United States Government was outlined by General Greely, of Washington. Resolutions passed favored among other things a uniform map of the world as suggested, each sheet to be bounded by meridians and parallels, statistical population maps, maps on a natural scale, the furnishing of particulars as to method of surveying instruments employed and verification (recommending that all doubtful portions of maps be so indicated), and the adoption of the metric system in all geographical research and discussion. It was also recommended that the attention of governments holding foreign possessions be called to the necessity of obtaining more exact data as to population in unorganized countries.

The American National Red Cross.

INCORPORATED under the laws of the District of Columbia, October 1, 1881. Reincorporated, April 17, 1893, for the relief of suffering by war pestilence, famine, flood, fires, and other calamities of sufficient magnitude to be deemed national in extent. The organization acts under the Geneva Treaty, the provisions for which were made in International Convention at Geneva, Switzerland, August 22, 1864, and since signed by nearly all civilized nations. The United States gave its adhesion by act of Congress, March 1, 1882. Ratified by the Congress of Berne, June 9, 1882. Proclaimed by President Arthur July 26, 1882. Headquarters, Washington, D.C.

The officers of the American organization are: *Board of Consultation*—The President of the United States and Members of the Cabinet.

Executive Officers—Clara Barton, President; George Kennan, First Vice-President; Stephen E. Barton, Second Vice-President Walter P. Phillips, General Secretary; Dr. Julian B. Hubbell, General Field Agent. *Directors*—Clara Barton, Stephen E. Barton, Dr. Julian B. Hubbell, George Kennan, Walter P. Phillips Peter V. De Graw, Dr. Joseph Gardner. *Executive Committee*—Stephen E. Barton, Chairman: George C. Boldt, Treasurer; Joseph Sheldon, Wm. B. Howland.

Painting and Sculpture.

NATIONAL ACADEMY OF DESIGN.

COUNCIL, 1899-1900.

President. Frederick Dielman; *Vice-President*, J G. Brown; *Corresponding Secretary*, H. W. Watrous; *Recording Secretary*, George H. Smillie; *Treasurer*, Lockwood De Forest; J. Carroll Beckwith, C. D Weldon. B. West Clinedinst, C. Y. Turner, H. Bolton Jones: *Clerk of Academy*, H. G. Grannis.

NATIONAL ACADEMICIANS.

Elected.
1862. Beard William H., 51 West 10th St.
1894. Beckwith, J. Carroll, 58 West 57th St.
1860. Bierstadt, Albert, 1271 Broadway.
1888. Blashfield, Edwin H., 58 West 57th St.
1859 Blauvelt, Charles F., Annapolis, Md.
1893. Blum, Robert 90 Grove St.
1871 Boughton, George H., London, Eng.
1872. Brandt, Carl L., Hastings-on-Hudson, N. Y.
1863 Brevoort, J. R., 52 East 23d St.
1881. Bridgman, Frederick A., Paris, France.
1875. Bristol, John B., 52 East 23d St.
1863 Brown, J. G., 51 West 10th St.
1873. Butler, George B., Century Club.
1875. Calverley, Charles, 107 East 27th St.
1890. Chase, William M., 234 East 15th St.
1849. Church, Frederic E., Hudson, N. Y.
1885. Church, F. S., 1512 Broadway.
1898 Clinedinst, B. West, 110 Fifth Ave.
1862. Colman, Samuel, Newport, R. I.
1851. Cropsey, J. F., Hastings-on-Hudson, N. Y.
1863. Dana, W P. W., Paris, France.
1888. Dewing. Thos. W., 911 Seventh Ave.
1883. Dielman, Frederick, 1512 Broadway.
1882. Gaul, Gilbert, 170th St., near Tenth Ave.
1878. Gifford, R. Swain, 152 West 57th St.
1867 Griswold, C. C., 139 West 55th St.
1865. Guy, Seymour Joseph, 51 West 10th St.
1868. Hall, George Henry, Rome, Italy.
1889. Hamilton, Hamilton, Baldwin's, L. I.
1859 Hart, James M., 11 East 14th St.
1891. Hartley, J. S., 145 West 55th St.
1861. Hazeltine, W. Stanley, Boston, Mass.
1863 Hennessy, W. J., London, Eng.
1869. Henry, E. L., Century Club.
1865. Homer, Winslow, Scarboro, Me.
1897. Howe, Wm. H., Bronxville, N. Y.
1882. Howland, Alfred C., 52 East 23d St.
1840. Huntington, Daniel, 49 East 20th St.
1899 Inness, George, Jr., Carnegie Hall.
1861. Johnson, David, 69 West 131st St.
1860. Johnson, Eastman, 65 West 55th St.
1851. Jones, Alfred, 86 Trinity Place.
1894. Jones, Francis C., 253 West 42d St.
1883. Jones, H. Bolton, 253 West 42d St.
1869. La Farge, John, 51 West 10th St.
1897. Lippincott, Wm. H., 286 West 84th St.
1890. Low, Will. H., 42 West 15th St.
1876. Magrath, William, 11 East 14th St.

Elected.
1875. Martin, Homer D., Century Club.
1885. Maynard, Geo. W., 156 East 36th St.
1875. Miller, Charles H., 108 West 23d St.
1885. Millet, F. D., Broadway, Eng
1895. Moeller, Louis, Mount Vernon, N. Y.
1884. Moran, Thomas, 37 West 22d St.
1891. Mowbray, H. Siddons, 66 West 11th St.
1887. Murphy, J Francis, 222 West 23d St.
1870 Nehlig. Victor, Paris, France.
1885. Nicoll, J. C., 51 West 10th St.
1897. Palmer, Walter L., 5 Lafayette St., Albany, N. Y.
1884. Parton, Arthur, 52 West 23d St.
1869. Perry, E. Wood, 51 West 10th St.
1880. Porter, Benj. C., 3 North Washington Sq.
1851 Richards, T. Addison, National Academy.
1878 Robbins, Horace Wolcott, 56 East 57th St.
1863. Rogers, John, New Canaan, Ct.
1897. Sargent, John S., 33 Tite St., London, Eng.
1875. Sellstedt, L. G., Buffalo, N. Y.
1861. Shattuck, Aaron D., Granby, Ct
1888. Shirlaw, Walter, 3 North Washington Sq.
1890 Shurtleff, R. M., 44 West 22d St.
1882 Smillie, George H., 51 East 59th St.
1876. Smillie, James D., 156 East 36th St.
1861. Sonntag, William L., 120 East 22d St.
1889 St. Gaudens, Augustus, 148 West 36th St.
1858. Tait, Arthur F., 82 Waring Place, Yonkers, N. Y.
1880. Tiffany, Louis C., 335 Fourth Ave.
1891 Tryon, D. W., 226 West 59th St.
1886 Turner, C. Y., 35 West 14th St.
1883. Van Elten, Kruseman, 51 West 10th St.
1865. Vedder, Elihu, Rome, Italy.
1891. Vinton, Frederic P., Boston, Mass.
1891. Walker, Horatio, 51 West 10th St.
1883. Ward, Edgar M., 51 West 10th St.
1863. Ward, J. Q. A., 119 West 52d St.
1895. Watrous, Harry W., 58 West 57th St.
1886. Weir, J. Alden, 146 West 55th St.
1866. Weir, John F., New Haven, Ct.
1861. Whittredge, Worthington, Summit, N. J.
1898. Wiles, Irving R., 106 West 55th St.
1873. Wilmarth, Lemuel E., 352 Adelphi St., Brooklyn, N. Y.
1871. Wood, Thomas Waterman, 51 West 10th St.
1880. Yewell, George H., 51 West 10th St.

ASSOCIATE NATIONAL ACADEMICIANS.

Allen, Thomas, Boston, Mass.
Barsey, George R., 7 West 43d St.
Beaux, Cecilia, Philadelphia, Pa.
Bricher, A. T., 2 West 14th St.
Brown, J. Appleton, 253 West 42d St.
Bridges, Fidelia, Canaan, Ct.
Brush, George de F., 50 East 86th St.
Bunner, A. F., 146 West 55th St.
Butler, Howard Russell, 135 W. 47th St.
Carpenter, Francis B., 8 East 23d St.
Champney, J. Wells, 96 Fifth Ave.
Clark, Walter, 939 8th Ave.
Coffin, William A., 58 West 57th St.
Coleman, C. C., Rome, Italy.
Crane, Bruce, 939 Eighth Ave.
Curran, Charles C., 16 West 61st St.
De Forest, Lockwood, 7 East 10th St.
Dolph, J. H., 58 West 57th St.
Eaton, C. Harry. Leonia, N. J.
Ferguson, Henry A., 215 West 54th St.
Fowler, Frank, 106 West 55th St.
Freer, Frederick W., Chicago, Ill.
Gay, Edward, Mount Vernon, N. Y.
Green, Frank Russell, 145 W. 84th St.
Harper, Wm. St. John, Easthampton, N. Y.
Harrison. Alexander, 118 East 40th St.
Loop, Mrs. Henry A., 163 West 47th St.
Lyman, Joseph, Century Club.
McCord, George H., 52 East 23d St.
McIlhenney, C. Morgan, Shrub Oak, N. Y.
Mayer, Constant, 1298 Broadway.
Minor, Robert C., 58 West 57th St.
Morgan, William, 939 Eighth Ave.
Mosler, Henry, Carnegie Hall Studios.
O'Donovan, W. R., 105 East 17th St.
Ogilvie, Clinton, 52 East 23d St.
Parsons, Charles, New Milford, Ct.
Picknell, William L., Paris, France.
Poore, H. R., Orange, N. J.
Potthast, Edward, 52 East 23d St.
Remington, Frederic, New Rochelle, N. Y.
Sartain, William, 152 West 57th St.
Satterlee, Walter, 52 East 23d St.
Scott, Julian, Plainfield, N. J.
Smedley, Wm. T., 222 West 23d St.
Story, George H., 230 West 59th St.
Thayer, Abbott, Scarboro, N. Y.
Ulrich, Charles F., Munich.
Van Boskerck, R. W., 58 West 57th St.
Walker, Henry O., 152 West 55th St.
Weldon, C. D., 51 West 10th St.
Wiggins, Carleton, London, Eng.
Witt, J. H., 1155 Broadway.

The addresses of members of the Academy, given in the list, refer to the city of New York when

NATIONAL ACADEMY OF DESIGN—*Continued.*

not otherwise specified. The National Academy was founded in 1826. The schools of the National Academy are open from the first Monday in October to the middle of May. Circulars containing rules, conditions of admission, and other details may be had on application at the Academy, corner Fourth Avenue and East Twenty-third Street, New York.

SOCIETY OF AMERICAN ARTISTS.

President—John La Farge. *Vice-President*—Kenyon Cox. *Secretary*—Douglas Volk. *Treasurer*—Samuel Isham. The above, with Edwin H. Blashfield, constitute the Board of Control. The address of the Secretary is 215 West Fifty-seventh Street, New York.

The Society is composed of 110 members, which includes both sculptors and painters. Its annual exhibition takes place at the above address, generally about the last of March, and lasts until about May 1. Two prizes are awarded each year.

ROYAL ACADEMY.

President—Sir Edward John Poynter. *Keeper*—E. Crofts. *Treasurer*—Alfred Waterhouse. *Librarian*—W. F. Yeames. *Secretary*—Frederick A. Eaton. *Registrar*—C. McLean.

ROYAL ACADEMICIANS.

1898 Abbey, Edwin Austin.
1898 Aitchison, George.
1879 Alma-Tadema, Sir Lawrence.
1879 Armstead, Henry Haugh.
1896 Boughton, George Henry.
1891 Brock, Thomas.
1867 Cooper, Thomas Sidney.
1896 Crofts, Ernest.
1877 Davis, Henry Wm. Banks.
1891 Dicksee, Frank.
1887 Fildes, S. Luke.
1895 Ford, Edward Onslow.
1893 Gilbert, Alfred M. V. O.
1863 Goodall, Frederick.
1891 Gow, Andrew Carrick.
1881 Graham, Peter.
1898 Gregory, Edward John.
1890 Herkomer, Hubert.
1860 Hook, James Clarke.
1896 Jackson, Thomas Graham.
1898 Leader, Benj. Williams.
1876 Leslie, George Dunlop.
1898 Lucas, John Seymour.
1893 MacWhirter, John.
1877 Orchardson, Wm. Quilter.
1881 Ouless, Walter William.
1876 Poynter, Sir Edward John.
1894 Prinsep, Valentine C.
1895 Richmond, Sir William Blake, K. C. B.
1881 Rivière, Briton.
1869 Sant, James.
1897 Sargent, John Singer.
1877 Shaw, Richard Norman.
1887 Stone, Marcus.
1888 Thornycroft, Wm. Hamo.
1885 Waterhouse, Alfred.
1895 Waterhouse, John Wm.
1870 Wells, Henry Tanworth.
1893 Woods, Henry.
1878 Yeames, Wm. Frederick.

Honorary Retired Academicians: 1853, William Powell Frith; 1857, Frederick R. Pickersgill; 1864, Thomas Faed; 1864, John Calcott Horsley; 1867, George F. Watts.

ASSOCIATES.

Bodley, George Frederick.
Bramley, Frank.
Brett, John.
Clausen, George.
Crowe, Eyre.
East, Alfred.
Forbes, Stanhope A.
Frampton, George James.
Hacker, Arthur.
Hemy, Charles N.
Hunter, Colin.
John, Wm. Goscombe.
La Thangue, Henry H.
Macbeth, Robert Walker.
Morris, Philip Richard.
Murray, David.
North, John W.
Parsons, Alfred.
Shannon, James J.
Smythe, Lionel P.
Solomon J. Solomon.
Storey, George Adolphus.
Swan, John MacAllan.
Waterlow, Ernest Albert.
Webb, Aston.
Wyllie, W. L.

Honorary Retired Associates: Henry Le Jeune, Erskine Nicol, Frederic Stacpoole.

PRESIDENTS OF THE ROYAL ACADEMY.—1768, Sir Joshua Reynolds; 1792, Benjamin West; 1805, James Wyatt; 1806, Benjamin West; 1820, Sir Thomas Lawrence; 1830, Sir Martin A. Shee; 1850, Sir Charles Eastlake; 1866, Sir Edwin Landseer, elected, declined, Sir Francis Grant; 1878, Sir Frederic Leighton (Lord Leighton); 1896, Sir John Everett Millais, Bart.; 1896, Sir Edward John Poynter.

NATIONAL SCULPTURE SOCIETY.

The National Sculpture Society, with headquarters at New York, was incorporated in 1896. It is composed of lay and sculptor members, and has for its object the spreading of the knowledge of good sculpture, the fostering of the taste for ideal sculpture and its production, both for the household and museums; the promotion of the decoration of public and other buildings, squares, and parks with sculpture of a high class; the improvement of the quality of the sculptor's art as applied to industries, and the providing from time to time for exhibitions of sculpture and objects of industrial art in which sculpture enters. The officers are as follows:

President—John Q. A. Ward. *Vice-Presidents*—Charles De Kay and Charles Rollinson Lamb. *Treasurer*—I. Wyman Drummond. *Secretary*—Barr Ferree, No. 7 Warren Street, New York. *Council*—Class of 1902: Wm. T. Evans, Daniel C. French, James Brown Lord, C. Rollinson Lamb, F. Wellington Ruckstuhl, and Augustus St. Gaudens; Class of 1901: Herbert Adams, George B. Post, E. C. Potter, Charles De Kay, J. Q. A. Ward, and John De Witt Warner; Class of 1900: Samuel P. Avery, Karl Bitter, John J. Boyle, I. Wyman Drummond, Jonathan S. Hartley, and Barr Ferree.

NATIONAL ARTS CLUB.

THE National Arts Club was organized in the City of New York April 24, 1899. The President is George B. Post, President of the Fine Arts Federation, and recently President of the New York Chapter of the American Institute of Architects. Spencer Trask is Treasurer, and Charles De Kay Secretary and Managing Director pro tem. The club-house is at No. 37 West Thirty-fourth Street, New York, where there is a fireproof gallery for the exhibition of industrial and fine art. The main purpose of the National Arts Club is to show to manufacturers new ways of improving the objects they produce, and making the same more salable in the markets of the world through addition of art, and further to open up to American artists new lines of endeavor by showing that art is not confined to the statue and the framed picture.

The Paris Exposition of 1900.

THE information about the "Paris Universal International Exposition" given below has been compiled for THE WORLD ALMANAC especially for intending American exhibitors, and revised for the present edition. It may be accepted as being exact in all its details, inasmuch as it has been put together with the courteous aid of the French authorities in the office of M. A. Picard, Commissioner-General for the Exposition and by the Commissioner-General for the United States, 20 Avenue Rapp, Paris.

INTENDING AMERICAN EXHIBITORS.

These should, in the first place, communicate direct with Mr. Ferdinand W. Peck, United States Commissioner for the Paris Exposition of 1900, Chicago, Ill., and not either to the French Minister of Commerce, the Commissioner-General of the Exposition, or the Paris office.

With this foreword of warning, which may save an immense amount of trouble to the intending exhibitor, the following is a brief survey of the mass of information, of general and special interest.

SCOPE AND CHARACTER.

What the number of visitors to the Exposition will be it is, of course, as yet impossible to say; it is enough to remember that the number which visited the last Paris Exposition in 1889 was officially returned at over 32,000,000, and to suppose that in 1900, should nothing internationally disastrous, such as a great war, intervene, these figures will be largely—perhaps enormously—surpassed. Official estimates now used for all calculations place the number of visitors expected at between fifty to sixty millions. The American exhibits at the Exposition of 1889 were wholly unworthy of a great industrial people, but there is every promise that America will show, in the Exposition of 1900, by concrete examples in all branches of human industry, the moral and material progress she has made in the last half century.

ORIGIN AND HISTORY.

Officially, the origin of the Paris Exposition of 1900 dates from the month of July, 1892. The first Paris Exposition was held in 1855; the next in 1867, and the third and fourth in 1878 and 1889, respectively. Shortly after the closing of the last Exposition the idea of a great centennial international exhibition, to be held in the last year of the nineteenth century, was mooted by the public, but it was not until July, 1892, that an official move was made in the form of a communication from M. Jules Roche, the then Minister of Commerce, to President Carnot.

On July 13, following, a decree was issued by President Carnot, announcing a "universal exposition of works of art, and of industrial and agricultural products." A date was fixed (May 5 to October 31, 1900, subsequently changed to April 15 to November 5, 1900), preliminary studies were made and a financial scheme devised, and for convenience of organization the administration was divided into seven sections. These are:

THE ADMINISTRATION.

1. Secretariat-General, which deals with all matters of general business, employment, medical, police, fire service, the press, and complimentary admission. 2. Architecture, which deals with the erection of palaces and pavilions, control of metallic structures and of all devices erected by foreign nations, colonies, and industrial exhibitors. 3. Roads, streets, parks, gardens, water, and lighting. 4. Exploitation, which deals with French, foreign, and colonial sections, installations, the fine arts, agriculture, catalogues, and diplomas. 5. Finance. 6. Litigation. 7. Fêtes.

Generally speaking, the Exposition and the works preliminary to it are under the control of M. Millerand, Minister of Commerce and Industry, Posts, and Telegraphs, but the entire execution has been confided to the following administration:

Commissioner-General, M. Alfred Picard; Director-General of Exploitation, M. Delaunay-Belleville (President of the Paris Chamber of Commerce); Director of Architecture, M. Bouvard (Inspector-General of Architecture for the City of Paris); Director of Roads, Streets, Parks, etc., M. de France; Director of Finance, M. Grison; Director of Litigation, M. E. Moreau; Director of Fine Arts, M. Roujon; Director of Agriculture, M. Vassilière; Delegate for Colonies, M. Charles-Roux; General Secretary, M. Henri Chardon.

COST OF THE EXPOSITION.

The French Government estimates the total cost at $20,000,000 (100,000,000 francs), and accordingly a guarantee fund for that amount has been brought into existence.

Of this total sum of 100,000,000 francs the following allotments have been (approximately) made:

The Grand and Little Palaces of the Fine Arts in the Champs-Elysées, on and about the site of the demolished Palais de l'Industrie	Fr. 21,000,000
Buildings in the Champs de Mars	18,000,000
Buildings on the Esplanade des Invalides	5,000,000
Buildings on the Quais (including the proposed Street of Venice)	1,500,000
Bridges across the Seine	Fr. 5,000,000
Mechanical and Electrical Service	6,750,000
Circular Railway	1,500,000
Illumination and Lighting	800,000
Fountains and Gardens	1,200,000
Fêtes	5,500,000
Music	1,200,000
The Jury	1,000,000

The works, it is calculated, will absorb 73,000,000 francs; the exploitation (advertisement, installation, etc.), 12,000,000 francs, and the administration, 8,000,000 francs. The reserve is 7,000,000 francs.

THE PARIS EXPOSITION OF 1900—*Continued.*

EXPOSITION BONDS.

This money comes from three sources: The French Government (20,000,000 francs), the city of Paris (20,000,000 francs), and bonds (60,000,000 francs). Only the last named call for further remark, because, while the two sums first named are simple contributions, the Exposition bonds are not alone an ingenious financial device, but a source of periodical speculation and excitement to the people of France, and especially of Paris.

The bonds were issued by the State, in coöperation with five of the chief banks, which underwrote bonds to the amount of 62,400,000 francs, receiving a commission of 5 per cent on the sales, and depositing 60,000,000 francs in the Caisse des Dépôts, where it remains at 2½ per cent interest until 1900. No interest is payable to the general public, who hold the bonds, having bought them at 20 francs each, but each bond entitles the holder to twenty tickets for the Exposition, and the holder, moreover, participates in twenty-nine drawings, comprising 4,313 prizes, ranging from 100 francs to 500,000 francs in value. If the Exposition, from any cause, should not take place, the State will redeem the bonds at par.

GENERAL REGULATIONS.

The General Regulations were issued on August 7, 1894, and may be obtained on application to the Special Commissioners of the various countries, but for present use we give a *résumé* of those regulations which most concern intending American exhibitors. It will be of interest to say here that the United States has obtained more space at the forthcoming Exposition than it had in either the Exposition of 1878 or of 1889, while the State grant, too, is likely to be largely in excess of the grants in those years.

The space finally allotted to the United States in the Paris Exposition of 1900 is 200,000 square feet, as compared with 91,000 square feet in 1878, and 113,300 square feet in 1889; and of this 200,000 feet more than 150,000 square feet have been allotted or assigned. The State grant by the United States in 1878 was $190,000; and in 1889, $250,000. In 1900 it is $1,210,000. The following includes the principal regulations which concern intending American exhibitors:

1. All nations participate on equal terms.
2. *Foreign exhibitors must correspond with the Commissioners of their respective countries, and cannot communicate directly with the Administration of the Exhibition*, but this regulation does not apply to the proposed retrospective centennial exposition reviewing the progress achieved since 1800 in the various branches of production.
3. All machinery, so far as possible, must be operated on the grounds in full view of the public.
4. All works of art must be deposited at the Fine Arts Building between February 15 and 20, 1900, under arrangements to be prescribed by the Commissioner-General; all expenses to be at the charge of the exhibitor, except in case of the retrospective centennial exposition (of collections, etc.), which may be borne by the administration. All expenses of installation, however, will be borne by the administration of Beaux Arts.
5. All industrial and agricultural products are admissible except those of an explosive, highly spirituous, or offensive character, unless they are inclosed in solid vessels of small dimensions. Applicants requiring gas or steam should state in their applications the quantity needed and all other desired information. The admission of foreign products will be authorized by the Commissioner-General upon the propositions of the Commissioners of the various countries, and certificates of admission will be delivered.
6. No charge will be made to exhibitors for space, water, gas, steam, or other motive power, but "connections" must be supplied by the exhibitor.
7. Generally speaking, all expenses of packing, re-packing, installation, storage, and so on must be borne by the exhibitor.
8. Plans for special constructions must be submitted to and approved by the administration (sent through the Special Commissioner).
9. Exhibitors are invited to mark exhibits with the market price, but this is not compulsory.
10. The exhibits will be admitted to the country duty free, as the Exposition is constituted, for the time being, a bonded warehouse. Duty, however, will be levied on articles manufactured on the spot.
11. The taking of general photographs is not forbidden, but no exhibit can be photographed or copied without special permission *visé* by the administration.

CLASSIFICATION OF EXHIBITS.

The exhibits will be divided into eighteen groups, as follows: (1) Education and instruction. (2) Works of art. (3) Instruments and general methods of letters, sciences, and arts. (4) Machinery and processes of mechanism. (5) Electricity. (6) Civil engineering, transportation. (7) Agriculture. (8) Horticulture. (9) Forestry, hunting, fishing, crop-gathering. (10) Alimentation. (11) Mines, metallurgy. (12) Decoration and furniture of public buildings and dwellings. (13) Cotton fabrics, textures, clothing. (14) Chemical industry. (15) Various industries. (16) Social economy, hygiene, public assistance. (17) Colonization. (18) Territorial and naval armies.

THE JURY.

The jury will be, as in 1889, international, sub-divided into juries of class, juries of groups, and superior jury. Foreign jurors will be named by the Commissioners of the respective countries. The Foreign Commissioners will be *ex officio* members of the superior jury. The superior jury will finally revise the list of awards, and the distribution of diplomas will take place about the beginning of September, 1900.

AWARDS.

Only diplomas will be granted, thus classified; Grand prize diplomas, gold medal diplomas, silver medal diplomas, bronze medal diplomas, and diplomas of honorable mention.

MAIN FEATURES.

The grand entrance to the Exposition of 1900 will be off the Place de la Concorde, close to

THE PARIS EXPOSITION OF 1900—*Continued.*

the Seine, but there will be a multitude of other entrances in the Champs-Elysées, the Champs de Mars, and the Esplanade des Invalides. The Exposition authorities themselves do not know what will be the most popular and striking feature of the Exposition, but it will doubtless prove to be one of the following, all of them novel and attractive: 1. The Streets of Old and New Paris, running along the embankment from the Place de la Concorde to the Pont de l'Alma and on the Champs de Mars. This will illustrate the art and wit of France, and will contain palaces of dancing, song, and all that is refined in the curiosities of Paris. The directors of the Opéra and another leading Paris theatre are engaged upon its elaboration. 2. M. Deloncle's telescope, bringing the moon's surface apparently within 40 kilometres (25 miles) of the spectator. 3. An Alpine Exhibition (by the French Alpine Club). 4. A city of gold, near the Trocadèro, showing every detail of gold production, with Californian miners and models of the mines. 5. A History of Costume. 6. A gigantic Turning Palace, or Revolving Tower, 100 yards high and lighted throughout by electricity. 7. The Grand and Little Palaces of the Fine Arts of all nations. 8. The Pavilion of the Press, and those of the special commissioners which will be scattered over the area. From here will probably be issued a daily trilingual news sheet. 9. An enormous Terrestrial Globe by the famous French geographer, M. Réclus, placed, owing to its size, outside the Exposition proper. 10. Palace of the Army and Navy and a Palace of Food, or Alimentation. 11. A Submarine Grotto. Besides the above, a piece of land along the Seine, to the left as one stands with one's back to the Eiffel Tower (which will be painted silver-gray), and facing the Trocadèro, will be the scene of many colonial villages within Exposition bounds. In addition to these there will almost certainly be a switchback; a colossal vat; an enormous bell; imitation of the Blue Grotto of Capri, of the fountain of Vaucluse: captive balloons; a cyclorama of the war of secession in America, and other devices to interest, charm, or amuse.

THE EXTENT.

It is calculated that the Exposition of 1900 will cover 12 per cent more space than was occupied by the Exhibition of 1889. The ground will not be partitioned off by nationalities, but by sections, each section being devoted to a particular industry or art, and the processes of each art and industry being, so far as is possible, displayed in operation.

The site occupied includes the public grounds on both sides of the Seine, from the Place de la Concorde to the Pont de l'Alma, this area including the Champs de Mars, the Trocadèro, the Esplanade des Invalides, the Quai d'Orsay, the Quai de la Conference, the Cours la Reinè, and the part of the Champs-Elysées where until recently stood the Palais de l'Industrie, a landmark of the Exhibition of 1855.

THE UNITED STATES BUILDING.

The United States building, which stands on the Quai d'Orsay on the Seine, amid the other buildings of the nations, is being erected according to the plans of Mr. Charles A. Coolidge, of New York, and M. Morin-Goustiaux, the French architect. It has a frontage of 85 feet and a depth of 90 feet, and the top of the dome will be 160 feet from the ground. One of the main features is a classic porch which opens on the Seine. Two hundred thousand dollars are being expended on United States buildings.

Exhibits other than works of art must be received at the Exposition between December 1, 1899, and February 28, 1900.

There are three offices that have been established by Commissioner-General Peck, at which information as to exhibits and copies of all rules can be had. These are in the Equitable building, New York; the Auditorium building, Chicago, and the Embassy of the United States, Paris.

Other International and National Expositions.

1901. Pan-American Exposition at Buffalo, N. Y.—Particulars appear on a following page.

1901. Glasgow International Exhibition—This will be held in Glasgow, Scotland, in the Summer of 1901. It will open May 1, and close October 31. It will be held on the site of the exhibition of 1888, and it is intended to present an illustration of the produce and manufactures of the British Empire and colonies, with adequate representation from other countries. The exhibition will be divided into sections, among which the following will receive attention: Fine art, history and archæology, locomotion and transport, electricity, labor-saving machinery, marine engineering, and sports. The River Kelvin will be available for the exhibition of naval shipbuilding and life-saving apparatus. The charge for space within the building will be 3s. (73 cents) per square foot, with a minimum charge of £5 ($24.30). Payment to the extent of 25 per cent must accompany the application.

1901. Detroit Bi-Centenary—It is proposed to celebrate the bi-centenary of the settlement of that city by an international exposition in 1901.

1902. Ohio Centennial and Northwest Territory Exposition at Toledo, O.—On April 26, 1898, a bill was passed by the General Assembly of Ohio creating the Ohio Centennial and Northwest Territory Exposition "for the purpose of conducting and holding a public exposition in 1902, designed for the education, edification, and entertainment of the public, to show the great progress made along financial, industrial, commercial, and educational lines." To further advance the interest of the exposition the bill was followed by an act creating a commission of twenty-one members, one from each Congressional district; a local commission of nine members, and a centennial company of fifteen members, with a sum of $150,000 toward preparing the grounds for the exposition. Toledo was selected as the location for the great exposition, and Bay View Park was accepted by the State as the site. This park contains 225 acres, a greater portion of it extending out into Lake Erie, where during the Summer months a fresh breeze is generally sweeping over the land. It has a frontage on Lake Erie of over a mile. The United States Congress passed a bill March 3, 1899, appropriating

OTHER INTERNATIONAL AND NATIONAL EXPOSITIONS—*Continued.*

$500,000 for the purpose of "encouraging the holding of the Ohio Centennial and Northwest Territory Exposition at the city of Toledo, in the year 1902, for the exhibition of the resources of the United States, Hawaii, Cuba, Porto Rico, and the Philippines, and the progress of American countries, and for the display of the arts, industries, manufactories, and products of the soil, mine, and sea." It was also declared that such an exposition should be international in character. The Ohio Centennial Company is organized and working and has a capital stock of $500,000. The cost of preparing the park will exceed $300,000. Many of the States have passed bills appropriating from $50,000 to $100,000, and nearly half a hundred societies of the territory interested have signified their intention of erecting suitable buildings for their use, some appropriating from $5,000 to $40,000 for such purpose.

1903. The St. Louis Exposition to commemorate the purchase of the Louisiana Territory in 1803, will be held in that city in the Summer of 1903. It is intended to raise $15,000,000 for the purpose, of which the citizens of St. Louis will raise a third, the city of St. Louis will be bonded for a second third, and the last third is expected to be loaned by the United States. The river front near Jefferson Barracks is favored for the site. Ex-Governor David R. Francis heads a committee of 200 to further the details of the movement.

The Pan-American Exposition of 1901.

An exposition of the industries of the countries of the American continents, North and South, will be held at Buffalo, N. Y., near the Niagara frontier, in the Summer of 1901.

The following statement has been prepared by the Publicity Department of the Exposition for The World Almanac:

Although the exposition will cover but 50 per cent of the ground space occupied by the World's Columbian Exposition at Chicago in 1893, the Pan-American will, in many particulars, exceed the great Chicago Fair, and particularly in the magnificence of the electrical, aquatic, and horticultural displays.

It will not be as big, but it will be far more beautiful. Where at Chicago the acme of severely classical architecture was reached, the style adopted by the Advisory Board of Architects of the coming exposition is a sort of an American renaissance—if the term be allowed. It will be in the warmer Southern style, and the buildings will be masses of color where the buildings at Chicago were of a dazzling white. Here the domes and minarets of the structures will be colored, and from a distance the red, green, and golden pinnacles of the buildings and the acres of flowers will look like a mass of flower beds

As first planned in 1897, the fair was to be held at Cayuga Island, near Niagara Falls, in the year 1899, and the fifty acres embraced by the island was thought to be ample ground. The preliminary work was done along those lines, and the Federal Government and the Government of the Empire State were approached and interested, and nearly $1,000,000 was pledged. Then the Spanish-American War intervened, and it was deemed best to allow the project to slumber. When it was revived it was on broader lines. It had been a semi-private enterprise, but when new life was injected into it the men and women of the entire Niagara frontier were invited to come in and help the matter along. There was a veritable rush, and at one dinner tendered to Mayor Diehl, of Buffalo, $500,000 was raised in three hours, and the million dollar mark of capital stock was passed in five days. Then the capital stock was increased to $2,500,000, and the company was empowered to float bonds in a similar amount, thus placing $5,000,000 at the disposal of the management, and the Federal Government soon followed with an appropriation of $500,000, while the Empire State set aside $300,000.

With that great sum on hand, and with possibilities of large appropriations from the Dominion of Canada, Mexico, the Central and South American Republics, and the various States of the Union for special buildings, all thoughts of Cayuga Island were set aside, and a site embracing 335 acres, and consisting of land north of and adjacent to the Delaware Park, at Buffalo, was selected.

The work is now being pushed as rapidly as skill and money can do it. The preliminaries are disposed of. The organization was completed with the advent of Director-General William I. Buchanan, who arrived in Buffalo on the first day of November, 1899, and immediately took the reins of government. Before Mr. Buchanan's arrival the work had been forwarded by a Committee on Organization, composed of President John G. Milburn and Chairmen Scatcherd, of the Executive Committee; Bleistein, of the Publicity Department; Baird, of the Exhibits Committee; Pierce, of the Concessions Committee; W. Caryl Ely, of the Transportation Committee; Hotchkiss, of the Printing and Supplies Committee; Adams, of the State and Foreign Relations Committee, and Treasurer George L. Williams, Commissioner-General John B. Weber, and Secretary Edwin Fleming, who carried on the bulk of the business until the appointment of Newcomb Carlton, the Director of Works, who, with Directors George K. Birge and Carleton Sprague, of the Buildings and Ground Committee, accomplished large results.

From purposes to plans is but a short step, and it is not now amiss to tell what the management of the great fair expects to do. In the first place, it plans to show to the visitors the grandest display of electricity that the world has ever seen. As Buffalo intends in 1901 to prove her claim to the title of "The Electric City," which some have given her, it is but fitting that electricity should be the dominant feature of the coming exhibition, for the Cataract of Niagara is within a few miles, and the countless millions of horse-power of that great waterfall will be harnessed to produce the energy which will move the wheels, and turn the levers, and illuminate the buildings within the exposition gates. The electric fountains will be colored red, and green, and gold by thousands of electric bulbs, which will be skilfully made to furnish effects never before seen. All about the exposition grounds a grand canal will twist and twine, and at numerous points along that waterway there will be caverns and grottoes more beautiful than the famed ones of Capri, and in them will be the most charming electrical effects. Water cascades will flash lights in never ending beauty, and towers, domes, and pinnacles will be masses of radiance.

The facilities afforded by the location of the exposition are unusual. Buffalo is an ideal Summer city, and is the very hub of the most thickly settled section of the North American Continent. As gateway between the Prairie States of the West and the Atlantic seaboard, a vast flood of travel comes to her gates, and within the confines of a five hundred mile circle no less than 40,000,000 people live. A similar circle drawn about the city of Chicago would show a population of about 22,000,000, and statisticians claimed that over 90 per cent of the attendance at the World's Columbian Exposition came from within that 500 mile belt. The attendance at the World's Fair was something over 27,000,000. That being so, a much greater number of people may be expected to visit the Pan-American Exposition of 1901.

THE PAN-AMERICAN EXPOSITION OF 1901—*Continued.*

The Governor of New York, at the last session of the Legislature of that State, nominated the following Board of Managers of the New York exhibit at the exposition, and they were confirmed by the Senate: Daniel T. Lockwood, of Buffalo, President of the Board; Jacob Amos, of Syracuse; Gaius C. Bolin, of Poughkeepsie; Nicholas V. V. Franchot, of Olean; William H. Gelshenen, of New York; Frederick Greiner, of Buffalo; John T. Mott, of Oswego; Leopold Stern, of New York, and George E. Yost, of Theresa.

The Chairman of the Committee on Publicity is George Bleistein, and the office of the committee is at 222 Ellicott Square, Buffalo.

The American Lafayette Memorial in Paris.

On March 30, 1899, the Congress of the United States appropriated 50,000 silver dollars in behalf of a monument to be erected in Paris by the school children of America in honor of Lafayette. The creation of the monument has been intrusted to Paul Weyland Bartlett, sculptor, of New York, who will be aided by Thomas Hastings, architect. The statue will be of equestrian style, and possibly will be the largest of the kind ever erected. Lafayette is seated facing the west, extending his sword in offering to Liberty. Its cost will be $150,000, which has all been paid in, the popular collection inaugurated by the secretary of the commission having proved an immense success, far surpassing in number of contributors, viz., 4,000,000, all previous records of public collections. The site of the monument, given by the French Government, is in the very heart of Paris, and within the beautiful garden of the Tuileries, the exact spot being Lafayette Square, so named especially for the statue, and adjacent to the Gambetta monument. The unveiling and dedication exercises will take place in Paris on July 4, 1900, United States day at the Exposition. Robert J. Thompson, who originated this movement, is the Secretary of the Memorial Committee, and his office is at the Auditorium building, Chicago. The Honorary President is Ferdinand W. Peck, the United States Commissioner for the Paris Exposition.

John Marshall Day.

The American Bar Association at its annual meeting in 1899 appointed a committee to devise a plan for observing February 4, 1901, in honor of the illustrious Chief Justice John Marshall. This date is the one-hundredth anniversary of the appointment of Marshall to the head of the judiciary of the United States.

The Production of Books.

American and Imported Publications in 1895, 1896, 1897, and 1898, Recorded by "The Publishers' Weekly," not Including Government Works and the Productions of the Minor Cheap Libraries.

Divisions.	1895.	1896.	1897.	1898.	Divisions.	1895.	1896.	1897.	1898.
Fiction	1,114	1,114	869	905	Biography and Memoirs	180	209	205	195
Law	531	553	509	456	Fine Arts and Illus. Books	140	177	139	163
Juvenile Books	375	319	369	373	Physical and Math. Science	222	162	188	174
Literary, History, and Miscel.	468	672	415	332	Useful Arts	111	139	110	112
Theology and Religion	506	460	492	446	Sports and Amusements	38	72	43	42
Education and Language	488	469	431	377	Domestic and Rural	52	61	57	43
Poetry and the Drama	309	291	247	303	Humor and Satire	32	25	22	20
History	193	275	238	282	Mental and Moral Philosophy	61	49	76	51
Medical Science and Hygiene	163	167	153	188					
Social and Political Science	335	289	196	257	Total	5,469	5,703	4,928	4,886
Description and Travel	151	199	169	167					

Of the production of 1898 there were 2,908 books by American authors, and 834 American reprints of foreign authors.

BRITISH PUBLICATIONS FROM 1894 TO 1898 INCLUSIVE.

Divisions.	1894.		1895.		1896.		1897.		1898.	
	New Books.	New Eds.	New Books.	New Eds.	New Books.	New Eds.	New Books.	New Eds.	New Books.	New Eds.
Theology, Sermons, Biblical, etc	476	80	501	69	503	100	594	109	535	153
Educational, Classical, and Philological	615	127	660	111	529	114	692	236	732	189
Juvenile Works and Tales	269	29	} 1,544	347	1,654	525	1,960	717	1,758	644
Novels, Tales, and other Fiction	1,315	337								
Law, Jurisprudence, etc	126	23	57	33	132	50	93	47	117	46
Political and Social Economy, Commerce	141	21	163	23	247	99	531	110	437	97
Art, Science, and Illustrated Works	98	30	96	16	315	65	238	30	263	32
Voyages, Travels, Geographical Research	282	68	263	75	191	32	173	48	133	39
History, Biography, etc	255	58	333	68	580	137	604	141	618	125
Poetry and the Drama	160	21	231	16	284	123	298	129	290	81
Year-Books and Serials in Volumes	328	2	311	..	313	..	422	..	347	..
Medicine, Surgery, etc	97	59	133	53	117	45	152	59	160	36
Belles-Lettres, Essays, Monographs, etc.	370	115	400	42	130	23	227	48	182	36
Miscellaneous, including Pamphlets	767	215	749	182	239	26	210	8	436	30
Total	5,300	1,185	5,581	935	5,234	1,339	6,244	1,682	6,908	1,508
		5,300		5,581		5,234		6,244		6,008
		6,485		6,516		6,573		7,926		7,516

In Germany in 1898 there were 23,739 productions, of which 3,633 covered education and juvenile literature, 3,061 fiction and plays, 2,144 theology, 2,078 legal and political science, 1,572 medical science, 1,409 commerce, 1,406 language, 1,296 geography, 1,275 natural sciences and mathematics, and 1,054 history.

American Learned Societies.

Actuarial Society of America.—President, Thomas B. Macauley; First Vice-President, Oscar B. Ireland, Springfield, Mass.; Second Vice-President, Israel C. Pierson, New York City; Secretary, John Tatlock, Jr., New York City; Treasurer, John B. Lunger, New York City. The Actuarial Society of America was organized in 1889 for the purpose of promoting actuarial science, and is composed of the actuaries of life insurance companies and consulting actuaries. The membership embraces actuaries of Europe, Australasia, and Canada, as well as of the United States. Admission fee, $10; annual dues, $10. Number of members, 112.

American Academy of Medicine.—President, G. Hudson Makuen, Philadelphia; Secretary and Treasurer, Charles McIntire, Easton, Pa. Next annual meeting, Atlantic City, N. J., June 2-4, 1900. Object—To associate physicians who are also alumni of academic (or scientific) colleges; to encourage intending physicians to pursue a regular course of study leading to a bachelor degree before entering upon the study of medicine; to investigate and discuss the various problems of "medical sociology." Entrance fee, $5; dues, $1 per annum. Present membership, 794.

American Academy of Political and Social Science.—President, Edmund J. James, Ph. D., University of Chicago; Corresponding Secretary, L. S. Rowe, Ph. D., University of Pennsylvania; General Secretary, John Q. Adams, Ph. D.; Clerk, N. Jones, Station B, Philadelphia. Founded in 1889 to promote the political and social sciences. Membership, 2,000, distributed among every State and 34 foreign countries. Annual fee, $5; fee for life members, $100. Annual meeting held in April.

American Antiquarian Society.—President, Stephen Salisbury, Worcester, Mass.; Corresponding Secretaries—Foreign, Franklin B. Dexter, New Haven, Ct.; Domestic, Charles F. Adams, Lincoln, Mass.; Recording Secretary, Charles A. Chase. Annual meeting is held at Worcester, Mass., in October. Domestic membership restricted to 140. Admission fee of United States members, $5; annual dues of New England members, $5.

American Asiatic Association.—President, Everett Frazar; Vice-President, Samuel D. Brewster; Secretary, John Foord, P. O. box 1500, New York. The purposes of the society are to foster and safeguard the trade and commercial interests of the citizens of the United States and others associated therewith in the Empires of China, Japan, Korea, the Philippines, and elsewhere in Asia and Oceanica. Organized 1898. Annual dues, $10.

American Association for the Advancement of Science.—President, R. S. Woodward, New York City; Permanent Secretary, L. O. Howard, Washington, D. C.; General Secretary, Charles Baskerville, Chapel Hill, N. C.; Secretary of the Council, William Hallock, New York City; Treasurer, R. S. Woodward, New York. The Association was chartered in 1874, being a continuation of the American Association of Geologists and Naturalists, organized in 1840. The membership is 1,695. Admission fee, $5; annual dues, $3. Next annual meeting, June 25, 1900, in New York City.

American Bar Association.—President, Charles F. Manderson, Omaha, Neb.; Secretary, John Hinkley, 215 North Charles Street, Baltimore, Md.; Treasurer, Francis Rawle, Philadelphia, Pa. Each State is represented by one Vice-President. Membership, about 1,600. This Association of leading lawyers of the United States was organized in 1878.

American Chemical Society.—President, Edward W. Morley, Adelbert College, Cleveland, Ohio; Secretary, Albert C. Hale, 551 Putnam Avenue, Brooklyn, N. Y. The Society was organized in 1876 for "the advancement of chemistry and the promotion of chemical research." Publishes a monthly journal. Annual dues, $5. Total membership, November 14, 1899, 1,555.

American Dialect Society.—President, Lewis F. Mott, New York City; Secretary, O. F. Emerson, Western Reserve University, Cleveland, Ohio. Organized in 1889 for "the investigation of the spoken English of the United States and Canada, and incidentally of other non-aboriginal dialects in the same countries." Publishes "Dialect Notes" at irregular intervals. Annual fee, $1. Membership, about 300. Any person or institution may become a member.

American Economic Association.—President, Arthur T. Hadley, LL. D., Yale; Secretary, Walter F. Wilcox, Ph. D., Cornell University, Ithaca, N. Y. The objects of the Association are the study of economic sciences and the publication of papers thereon.

American Entomological Society.—President, Rev. H. C. McCook, D. D.; Secretary, Henry Skinner, M. D., Philadelphia, Pa. Organized 1859; incorporated 1862. Object—The study of entomology. Membership, 131.

American Fisheries Society.—President, John W. Titcomb, St. Johnsbury, Vt.; Recording Secretary, Seymour Bower, Detroit; Corresponding Secretary, J. E. Gunckel, Toledo, Ohio. Organized December, 1870. Annual dues, $1. Membership, 235. Next annual meeting at Wood's Holl, Mass., second week in July, 1900.

American Folklore Society.—President, Charles L. Edwards, University of Cincinnati, Cincinnati, Ohio; Permanent Secretary, W. W. Newell, Cambridge, Mass. Organized in 1888 for "the study of folklore in general, and in particular the collection and publication of the folklore of North America." Membership fee, including a copy of "The Journal of American Folklore" (quarterly), $3 per annum.

American Geographical Society.—President, vacant; Vice-Presidents, W. H. H. Moore, General Egbert L. Viele, C. C. Tiffany, D. D.; Corresponding Secretaries—Foreign, William Libbey, Jr.; Domestic, Chandler Robbins; Recording Secretary, Anton A. Raven. Offices of the Society, 11 West Twenty-ninth Street, New York City. The objects of the Society are to encourage geographical exploration and discovery; to investigate and disseminate new geographical information; to establish in the chief maritime city of the country, for the benefit of commerce and navigation, * * * a place where the means will be afforded of obtaining accurate information for public use of every part of the globe. Organized in 1852; membership, 1,200. Annual dues, $10; no entrance fee.

American Historical Association.—President, James Ford Rhodes, LL. D.; Secretary, Herbert B. Adams, Ph. D., LL. D., Johns Hopkins University, Baltimore, Md.; Treasurer, Clarence W. Bowen, Ph. D. Association founded 1884, incorporated by Congress 1889. Object—The promotion of historical studies. Entrance fee, $3; annual dues, $3. Membership, 1,350, including 110 life members.

American Institute of Architects.—President, Robert S. Peabody, Boston, Mass.; Treasurer and Secretary, Glenn Brown, Washington, D. C. The Institute has 26 chapters, 416 fellows, 64 associate members, and 54 honorary members. The initiation fee is $5; yearly dues of fellows, $10; of associates, $5. Established in 1857.

American Institute of Electrical Engineers.—President, Arthur E. Kennelly, Philadelphia, Pa.; Secretary, Ralph W. Pope, at the executive offices, library, and reading-room, 26 Cortlandt Street, New York City. Entrance fee, $5; annual dues, $10. Monthly meetings at 12 West Thirty-first Street, New York. Prints its transactions monthly. Membership, 1,136.

AMERICAN LEARNED SOCIETIES—*Continued.*

American Institute of Homœopathy.—President, Ch. E. Walton, M. D., Lincoln, Neb.; General Secretary, Eugene H. Porter, M. D., 181 West Seventy-third Street, New York City. Organized in 1844, and is the oldest medical organization in the United States. Has 2,000 members, representing every State in the Union, besides Canada. Will meet at Cincinnati, Ohio, June, 1900.

American Institute of Mining Engineers.—President, James Douglas, New York City; Secretary, R. W. Raymond, 99 John Street, New York City; Treasurer, Theodore D. Rand, Philadelphia. Membership, 2,614. Organized, 1871. Annual dues, $10.

American Mathematical Society.—President, R. S. Woodward; Secretary, F. N. Cole, Columbia University, New York; Treasurer, W. S. Dennett; Librarian, Pomeroy Ladue. Meetings held at Columbia University, New York. Society was reorganized as the American Mathematical Society, July, 1894. Object—To encourage and maintain an active interest in and to promote the advancement of mathematical science. Admission fee, $5; annual dues, $5; life membership, $50. Membership, 330. The Society publishes two journals, the Bulletin and the Transactions.

American Medical Association.—President, W. W. Keen, Philadelphia; Secretary-Editor, George H. Simmons, 61 Market Street, Chicago, Ill. Next annual meeting, Atlantic City, N. J., June 5, 1900. Annual fee, $5, entitles to a copy of weekly journal. Membership, over 8,000.

American Microscopical Society.—President, A. M. Bleile, Columbus, Ohio; Secretary, Henry B. Ward, Lincoln, Neb.; Treasurer, J. C. Smith, New Orleans, La. Incorporated at Washington, D. C., August, 1891. Object—The encouragement of microscopical research.

American Numismatic and Archæological Society, 17 West Forty-third Street, New York.—President, Andrew C. Zabriskie; Recording Secretary, Bauman L. Belden; Corresponding Secretary, George F. Kunz, New York City. Society founded in 1858 for the promotion of numismatics and archæology in the United States, possesses coin and medal collection. Total membership, 250. Annual meeting held in New York City in March.

American Oriental Society.—President, D. C. Gilman, LL. D., Johns Hopkins University; Corresponding Secretary, E. W. Hopkins, Yale University, New Haven, Ct.; Recording Secretary, George F. Moore. Organized September 7, 1842, for the cultivation of learning in the Asiatic, African, and Polynesian languages, and the publication of works relating to these languages. Annual fee, $5; no admission fee. Membership, 350.

American Ornithologists' Union.—President, Robert Ridgway; Secretary, John H. Sage, Portland, Ct. Organized 1883. Object—The advancement of its members in ornithological science, the publication of a journal of ornithology and other works relating to that science, etc. Annual dues, active members, $5; associate, $3. Membership, 824.

American Philological Association.—President, Abby Leach, of Vassar; Vice-Presidents, S. B. Platner, of Adelbert, and Andrew F. West, of Princeton; Secretary and Treasurer, Herbert Weir Smyth, of Bryn Mawr. Initiation fee, $5; annual dues, $3. Has about 485 members.

American Philosophical Society.—President, Frederick Fraley, Philadelphia; Secretaries, I. Minis Hays, Frederick Prime, Samuel P. Sadtler, R. A. Cleemann. Office of Society, 104 South Fifth Street, Philadelphia, Pa. Object—For promoting useful knowledge. Founded in 1743. Has 200 resident and 300 non-resident and foreign members.

American Psychological Association.—President, Prof. John Dewey; Secretary and Treasurer, Dr. Livingston Farrand, Columbia University. Organized in 1892 for "the advancement of psychology as a science." Membership, 110. Annual dues, $3; no entrance fee.

American Social Science Association.—President, S. E. Baldwin, LL. D., New Haven, Ct.; Treasurer, W. C. Le Gendre, 59 Wall Street, New York City; General Secretary, Rev. F. Stanley Root, New York City. Annual fee, $5. The Association was founded in 1865.

American Society of Civil Engineers.—President, Desmond FitzGerald; Secretary, Charles Warren Hunt; Treasurer, John Thomson. Regular meetings first and third Wednesdays of each month (except July and August) at 8.30 P. M. at the Society's house, 220 West Fifty-seventh street, New York City. Has 2,200 members. Instituted in 1852.

American Society of Mechanical Engineers.—President, Geo. W. Melville, Washington, D. C.; Secretary, Prof. F. R. Hutton, 12 West Thirty-first Street, New York City. Society House, 12 West Thirty-first Street, New York City. Total membership, all grades, 1,950. Two annual meetings, in Spring and Autumn, the latter in New York City in December. Initiation fee, members and associates, $25; juniors, $15. Annual dues, members and associates, $15; juniors, $10. The Society was chartered in 1881. Membership is not limited in numbers.

American Society of Naturalists.—President, W. G. Farlow, Harvard; Vice-Presidents, H. C. Bumpus, Brown; W. H. Howell, Johns Hopkins; F. H. Gerrish, Bowdoin; Secretary, T. H. Morgan, Bryn Mawr; Treasurer, John B. Smith, Rutgers College. Annual dues, $2.

American Statistical Association.—President, Carroll D. Wright; Vice-Presidents, Richmond Mayo-Smith, A. M.; Horace G. Wadlin, Henry C. Adams, Ph. D.; John W. Dean, A. M.; Henry Gannett; Corresponding Secretary, Worthington C. Ford, Public Library, Boston, Mass.; Treasurer, John S. Clark. Membership, 556. Annual dues, $2. Association organized, 1839.

Archæological Institute of America.—President, E. D. Perry, Columbia University; Secretary, Dr. Nelson McCrea, Columbia University.

Biographical Society of America.—President, Johnston L. de Peyster, New York City; Treasurer, Augustin H. Goelet; Recorder, Samuel Marsh. The objects of the Society are the encouragement of biographical research and the publication of authentic biographies of contemporaneous, prominent Americans.

Geological Society of America.—President, B. K. Emerson, Amherst College; Secretary, H. L. Fairchild, University of Rochester; Treasurer, I. C. White; Editor, J. Stanley-Brown. Society founded in 1888. Has 238 fellows. Entrance fee, $10; annual dues, $10. Publishes "Bulletin of the Geological Society of America."

National Academy of Sciences.—President, Wolcott Gibbs, Newport, R. I.; Vice-President, Asaph Hall, Cambridge, Mass.; Foreign Secretary, Alexander Agassiz, Cambridge, Mass.; Home Secretary, Ira Remsen, Baltimore, Md.; Treasurer, Charles D. Walcott, Washington, D. C. The Academy, incorporated by act of Congress March 3, 1863, "shall, whenever called upon by any department of the Government, investigate, examine, experiment, and report upon any subject of science or art; the actual expense * * * to be paid from appropriations which may be made for the purpose." There are at present 87 members, 1 honorary member, and 21 foreign associates.

AMERICAN LEARNED SOCIETIES—*Continued.*

National Dental Association.—President, B. Holly Smith, Baltimore, Md.; Recording Secretary, George H. Cushing, Los Angeles, Cal.; Corresponding Secretary, Emma Eames Chase, St. Louis, Mo. Object—To cultivate the science and art of dentistry and all its collateral branches. Annual dues, $5. The Association will meet at Old Point Comfort, Va., June 26, 1900.

National Geographic Society.—President, Alexander Graham Bell; Recording Secretary, J. Stanley-Brown: Corresponding Secretary, Willis L Moore; Foreign Secretary Eliza R. Scidmore; Treasurer, Henry Gannett. Headquarters at Washington, D. C. Its purpose is "the increase and diffusion of geographic knowledge." It publishes a monthly magazine. Annual dues for active members, $5; corresponding members, $2. There are 1,300 resident and 1,500 non-resident members.

New York Zoological Society.—President, Levi P. Morton; Secretary, Madison Grant, 11 Wall Street, New York City; Treasurer, L. V. F. Randolph; Director, William T Hornaday. Annual dues, $10; life membership, $200. The Zoological Park is under the management of the Society

Scientific Alliance of New York.—President, C. F. Cox; Treasurer, E. G. Love; Secretary, N. L. Britton, New York Botanical Garden, New York City. The Council of the Scientific Alliance is composed of three delegates from eight scientific societies. Object—To promote coöperation among the constituent societies, the cultivation of popular interest, and particularly to procure a building in which all the societies shall be conveniently housed, and which shall become the scientific centre to the city.

Society of American Authors.—President, Rastus S. Ransom; Treasurer, Morris P Ferris, 71 Broadway, New York City; Secretary, J Beverly Robinson. Object—The advancement of the interests and the protection of the rights of authors. Membership over 400

Society of Naval Architects and Marine Engineers.—President, Clement A. Griscom; Secretary, Francis T. Bowles, 12 West Thirty-first Street, New York City Object—The promotion of the art of shipbuilding commercial and naval. Incorporated under the laws of New York State Headquarters, 12 West Thirty-first Street, New York City. Membership fee, $5; annual dues, $5. Has 625 members and associates.

The Forty Immortals of the French Academy.*

	Year Elected.	Name.	Born.	Predecessor.
1	1855	Ernest Wilfred Gabriel Baptiste Legouve	Paris, 1807	Ancelot.
2	1862	Jacques Victor Albe, Duc de Broglie	Paris, 1821	Lacordaire Père.
3	1870	Emile Ollivier	Marseilles, 1825	De Lamartine.
4	1874	Alfred Jean François Mézières	Paris, 1826	St. Marc-Girardin.
5	1876	Marie Louis Antoine Gaston Boissier	Nimes, 1823	Patin.
6	1877	Victorien Sardou	Paris, 1831	Autran.
7	1878	Edmund Armand, Duc d'Audiffret-Pasquier	Paris, 1823	Dupanloup (Bishop).
8	1880	Aimé Joseph Edmund Rousse	Paris, 1817	Jules Favre.
9	1881	René François Armand Sully-Prudhomme	Paris, 1839	Duvergier de Hauranne
10	1882	Adolphe Louis Albert Perraud	Lyons, 1828	Auguste Barbier.
11	1882	Edouard Jules Henri Pailleron	Paris, 1839	Charles Blanc.
12	1884	François Edouard Joachin Coppée	Paris, 1842	De Laprade.
13	1884	Joseph Louis François Bertrand	Paris, 1822	J. B. Dumas.
14	1884	Ludovic Halévy	Paris, 1834	Comte d'Haussonville.
15	1886	Vallery Clément Octave Gréard	Vire, 1828	Comte de Falloux.
16	1886	Othénin P. de Cléron Comte d Haussonville	Gurey, 1843	Caro.
17	1888	Jules Arnaud Arsèn Claretie	Limoges, 1840	Cuvillier-Fleury.
18	1888	Eugène Marie Melchior, Vicomte de Vogué.	Nice, 1848	Désiré Nisard.
19	1890	Charles Louis de Saulses de Freycinet	Foix, 1828	Emile Augier.
20	1891	Louis Marie Julien Viaud (Pierre Loti)	Rochefort, 1850	Octave Feuillet.
21	1892	Ernest Lavisse	Nouvlen, 1842	Jurien de la Gravière.
22	1893	Vicomte Henri de Bornier	Lunel, 1825	Xavier Marmier.
23	1893	Paul Louis Thureau-Dangin	Paris, 1837	Rousset.
24	1893	Marie Ferdinand Brunetière	Toulon, 1849	Lemoinne.
25	1894	Albert Sorel	Honfleur, 1842	Taine.
26	1894	José Maria de Heredia	Santiago, Cuba, 1842	De Mazade.
27	1894	Paul Bourget	Amiens, 1852	Maxime Du Camp.
28	1894	Henri Houssaye	Paris, 1858	Leconte de Lisle.
29	1895	Jules Lemaître	Orleans, 1853	Jean Victor Duruy.
30	1896	Jacques Anatole Thibault France	Paris, 1844	Comte de Lesseps.
31	1896	Marquis Marie C. A. Costa de Beauregard	Nyotte, Savoy, 1839.	Camille C. Doucet.
32	1896	Gaston Bruno Paulin Paris	Avenay, 1839	Louis Pasteur.
33	1896	Claude-Adhémar, dit André Thuriet	Marly-le-Roi, 1833	Alexandre Dumas.
34	1896	Louis Jules Albert Comte Vandal	Paris, 1861	Léon Say.
35	1897	Albert Comte de Mun	Lumigny, 1841	Jules Simon.
36	1897	Gabriel Hanotaux	Beaurevoir, 1853	Challemel-Lacour.
37	1898	Claude Jean Baptiste Guillaume	Montbard, 1822	Duc d'Aumale.
38	1899	Henri Leon Emile Lavedan	Orleans, 1859	Henri Meilhac.
39	1899	Paul Deschanel	Brussels, 1856	Hervé.
40		Vacant		Cherbuliez.

* The French Academy is one of five academies, and the most eminent, constituting the Institute of France. It was founded in 1635 by the Cardinal Richelieu, and reorganized in 1816. It is composed of 40 members, elected for life, after personal application and the submission of their nomination to the head of the State. It meets twice weekly, at the Palace Mazarin, 23 Quai Conti, Paris, and is "the highest authority on everything appertaining to the niceties of the French language, to grammar, rhetoric, and poetry, and the publication of the French classics." The chief officer is the secretary, who has a life tenure of his position. The present permanent secretary is Marie L. A. G. Boissier, who was elected an Academician in 1876. A chair in the Academy is the highest ambition of most literary Frenchmen.

The other academies of the Institute of France are: The Academy of Inscriptions and Belles-Lettres, with 40 members; Academy of Sciences, with 68 members; Academy of Fine Arts, with 40 members (as follows: Painting, 14, sculpture, 8; architecture, 8; engraving, 4; musical composition, 6), and Academy of Moral and Political Science, with 40 members. All members are elected for life.

Review of Scientific Progress in 1899.

ASTRONOMY.

In this department of physical research considerable progress was made in 1899. Several new asteroids were discovered by the photographic method; some of these, however, may turn out to be old ones rediscovered, since the number of these small bodies is now so great that a strict account of their places in the heavens cannot be kept, very few astronomers having the inclination or time to undertake such a prodigious amount of labor.

Some three or four comets were also discovered—all telescopic and of little or no interest. A return of Biela's comet is announced, but an impression is entertained in some quarters that this comet has been disintegrated and reduced to a swarm of meteoric matter.

A branch of the Harvard University Observatory located on the Andes Mountains, near Arequipa, Peru, announced the discovery of a very faint satellite of Saturn. It was found by the photographic method; very few, if any, telescopes in the world can show it. The satellite is exceedingly faint, being of the fifteenth or sixteenth magnitude, and when viewed from Saturn itself it would appear only of the fifth magnitude, or two magnitudes below Hyperion, hitherto the faintest known object in the solar system. Notwithstanding this, it is fully 200 miles in diameter; its distance from the primary is estimated at 8,000,000 miles, or more than thirty times the distance of our moon from the earth, and its period about eighteen months. Further observations are required to determine the elements of this faint but interesting body.

A gigantic telescope is in course of construction at Paris, France; its object glass has a diameter of 49.2 inches, or 9.2 inches more than the great Yerkes telescope at Williams Bay, Wis., and 13.2 inches larger than the Lick instrument at Mount Hamilton, Cal. In order to obviate the effect of chromatic aberration and to reduce the mechanical and optical difficulties to a minimum, it was decided to extend the focal length to sixty metres, or nearly 200 feet. The tube is of steel, formed by twenty-four separate tubes screwed together; weighs twenty-one tons, and has a diameter in the largest part of 59 inches. It would be practically impossible to mount such an instrument in the ordinary way owing to the great weight and to the instability and flexure to which it would be exposed, not to mention the difficulty in operating the enormous dome which would be required to protect it. These difficulties have been in part overcome, at the expense, however, of a considerable loss of light, by resting the tube in a horizontal position on cast-iron supports, so arranged that they can have a slight motion on a system of rails in order to neutralize the effect of expansion by heat. The tube is placed in the plane of the meridian, with the object glass toward the south, and in front of it at a convenient distance is placed a siderostat, or plane mirror, so mounted that when operated by clock work it will reflect the rays from a heavenly body into the tube of the telescope. The mirror has a diameter of 78 inches and weighs six and a half tons. There are two object glasses—one for visual observations, the other for photographic work. Each glass weighs 1,600 pounds.

In light-grasping power this instrument, compared with that of the most powerful in existence (the Yerkes glass), is as three to two, but in consequence of the loss of light by reflection from the siderostat this ratio will be considerably reduced. In regard to photography, however, it will doubtless surpass all other instruments, since, owing to its great focal length, photographic pictures of the moon, for instance, 20 or 22 inches in diameter, can be taken, and this of itself will constitute a marked progress in our knowledge of the physical constitution of our satellite.

Another monster telescope, intended for the Allegheny, Pa., Observatory, is also in course of construction. The object glass is to be 32 inches in diameter, and from the well-known reputation of the maker, it is expected to be one of the finest in the world.

CHEMISTRY.

Experimentation with liquid hydrogen has resulted in the discovery of some wonderful and interesting properties, which may eventually be turned to practical account.

Atmospheric air, on entering a vessel containing liquid hydrogen, is at once frozen to a solid, and falls like a precipitate; a piece of cotton, or a glass rod, dipped into it and lighted gives the well-known hydrogen flame; a small cork ball sinks at once in liquid hydrogen; a solid body immersed in it for a few seconds becomes so cold that it liquefies the surrounding air on its withdrawal, which runs off in drops, and if a tube containing air, or oxygen, be plunged into it, it is at once solidified. The actual temperature of liquid hydrogen is thought to be about 21° absolute. Very perfect vacua have been produced by placing tubes containing air in liquid hydrogen—so perfect, indeed, that an electric discharge cannot pass through them.

A new method of extracting nickel from its ores, which usually contain iron, cobalt, copper, etc., has been devised and successfully put into practice. It depends on the fact that nickel forms a volatile compound with CO, carbon monoxide—called nickel carbonyl, which boils at 150° C., and from which the nickel is again regenerated at 180° C.

An investigation into the nature of helium has been made with the view of determining whether it is an element or a compound, as was at one time suspected. It is now shown to be a perfectly homogeneous body, and is therefore to rank hereafter as one of the elementary bodies existing in the sun as well as on the earth.

GEOLOGY AND EXPLORATION.

Geological researches were carried on in 1899 with unabated vigor and with some very practical results. Among the regions which received more than the usual attention from geologists and explorers may be mentioned San Clemente Island, off the south coast of California; it is purely of volcanic origin, with some sedimentary rocks of the Miocene Age; also Edwards Plateau and the plain of the Rio Grande, and the famous crater lake of Oregon. This last is one of the most stupendous works of nature, and considered in all its aspects, ranks with the grand cañon of Colorado, the Yosemite Valley, and the Falls of Niagara. Such is the extraordinary beauty and grandeur of the region that a bill has been introduced in Congress to make it a National Park. The other regions which have been partially explored, from a geologic standpoint, are the Isthmus of Panama, Costa Rica, Jamaica, certain parts of Montana, North Labrador, and Tasmania, all of which have yielded results of great scientific and commercial importance.

Extensive coal-bearing districts have been discovered in the neighborhood of Crow Nest Pass, on the eastern side of the Rocky Mountains, and also on the Pembina River, in Northern Alberta, Canada. The seam, which is seventeen feet thick, crops out on the river bank and has been on fire for many years. Petroleum has been found on Pelican River, Northwest Territory, Canada; borings 800 feet deep have shown the existence of inexhaustible deposits of coal tar and natural gas.

Gold is found in all the streams flowing east of the Rocky Mountains, north of the international boundary line, especially on the Peace and Liard rivers, and in the Klondike regions. The metal is found in the disintegrated rocks of the Laurentian Plateau. The aggregate value of the minerals produced in this region during 1897 was $28,661,430, an increase of 27 per cent on the preceding year.

Native silver in paying quantities has been found near Livingston, Davidson County, N. C., and two extensive beds of corundum have been discovered in widely separated parts of the world—one

REVIEW OF SCIENTIFIC PROGRESS IN 1899—*Continued.*

in India, which also yields rubies and sapphires, the other in Renfrew County, Ontario; the latter occurring in dykes of syenite and quartz, intersecting the Laurentian gneiss.

An extensive investigation of the Atlantic coast and lake regions of Canada and the United States has been carried on for many years, and conducts to the most astounding, if not alarming, results. The question of any progressive change in the level of our Atlantic coast and of the Great Lakes on our northern frontier, is not only of great scientific interest, but also of great practical and national importance, for any change in the rise and fall of the water in these regions may have a profound effect on the value of property in their vicinity and on national boundaries. It is now pretty clearly shown that the earth movements which characterized the closing epochs of the Pleistocene period extend to the Great Lakes and are still going on.

This slow but continuous movement of the lake basin is destined eventually to turn the waters of the Great Lakes through the Illinois River into the Mississippi, resulting in the entire or partial flooding of the lower portion of the valley of that great river. Another great movement is going on on the Atlantic coast and the shores of Hudson Bay. South of Connecticut the land is subsiding at the rate of about two feet in one hundred years, while the land around Hudson and James's bays has actually risen seven feet during the present century. Bays and inlets in which the Hudson Bay Company's ships formerly wintered, over a century ago, will now scarcely float a rowboat, and rivers whose mouths were formerly navigable for ships for several miles are now no longer so, but enter the bay by a rapid or fall. Ancient beaches are easily seen on the eastern shore of Hudson Bay from fifty to seventy feet above the present high-water mark.

All these facts, pointing in a common direction, warrant the hypothesis that the tilting of the lake region, which was going on at the close of the glacial period, as shown by the slopes of all shore lines, is still in progress.

Observations show that in the case of Lake Superior there is a gradual rise of water at the west end and a falling at the east end, or, in other words, the west end is sinking and the east rising. The mean rate of change derived from a long series of observations is 0.42 feet in a hundred miles per century. It would appear then that the whole lake region is being lifted at one side and depressed on the opposite, so that its plane is bodily canted toward the southwest. Certain general consequences must necessarily flow from this movement independently of any irregularities that may be due to excessive rainfalls, or evaporation. Thus, it is found that on Lake Ontario the water is advancing on all shores; the same is true of Lake Erie, the most rapid change being at Sandusky and Toledo, Ohio. Around Lake Huron, the water is falling more rapidly in the north and northeast than in the south and southwest. At Lake Superior the water is advancing on the United States shore and receding on the Canadian, and a similar movement exists in Lake Michigan, the water of which is falling in the north and rising in the south at Chicago at the rate of 9 or 10 inches in 100 years. At the present rate, the discharge of the water of the lakes through the Illinois River into the Mississippi may begin and flow on uninterruptedly in about 800 years, and in about 1,800 or 2,000 years the Illinois and Niagara rivers will carry about equal volumes of water. Chicago is, therefore, a doomed city; it stands on a sinking plain, which is now only a few feet above the level of Lake Michigan. A similar fate awaits Manhattan and Long Islands, the greater part of New Jersey, Delaware, and portions of Maryland, Virginia, and the Carolinas. This populous region, at present the centre of life, energy, and activity, is destined to be ultimately submerged beneath the Atlantic. This gradual subsidence of the Atlantic coast is probably due to a fault which is known to extend from New England to the Carolinas, and it was along this fault that the Charleston earthquake of 1886 was chiefly felt.

In confirmation of this relation between earthquakes and faults, it may be noticed that a recent investigation into the earthquake in Hereford, England, in 1896, shows that it also was due to a slip or fall along a fault many miles in length. There were in this case two foci or centres of disturbance, eight miles apart, between which there was no disturbance.

A meteorite, weighing ninety-six pounds nine ounces, was found near the Tombigbee River, Ala.; the date of the fall is unknown. It has all the characteristic depressions and marks of siderites in general. It consists chiefly of very soft iron, which, however, is capable of a very high polish. An analysis gives iron 95, nickel 4.1, cobalt 0.4, phosphorus 0.32, carbon 0.16, and sulphur a trace, per cent respectively.

During the year 1899 science was called upon to mourn for the loss of a few of her most distinguished votaries. Prof. Bunsen, the famous German chemist; Prof. Marsh, of New Haven, Ct., the foremost palæontologist of his time; Sir Edward Frankland, a celebrated English chemist; Dr. D. G. Brinton, anthropologist, of Philadelphia, Pa., and Sir W. H. Flower, the eminent zoologist of the British Museum, have passed over to the majority, leaving behind them an imperishable record in their respective lines of scientific research. J. M.

Statistics of the Press.

ROWELL'S American Newspaper Directory for 1899 reports the number of newspapers published in the United States and Canada as 22,056. Of these, 883 were Canadian publications. The following was the frequency of issue: Weekly, 15,688; monthly, 2,964; daily, 2,229; semi-monthly, 368; semi-weekly, 445; quarterly, 182; bi-weekly, 74; bi-monthly, 59; tri-weekly, 47—total, 22,056.

The following table exhibits the number of papers printed in the several States and Canada in 1899:

Alabama	232	Illinois	1,732	Montana	92	Rhode Island	62
Alaska	7	Indian Territory	79	Nebraska	614	South Carolina	112
Arizona	52	Indiana	851	Nevada	29	South Dakota	263
Arkansas	259	Iowa	1,091	New Hampshire	109	Tennessee	300
California	698	Kansas	724	New Jersey	392	Texas	834
Canada, N'f'nd'd	883	Kentucky	317	New Mexico	50	Utah	76
Colorado	318	Louisiana	183	New York	2,066	Vermont	78
Connecticut	197	Maine	179	North Carolina	262	Virginia	258
Delaware	42	Maryland	204	North Dakota	149	Washington	224
Dis. of Columbia	77	Massachusetts	632	Ohio	1,233	West Virginia	193
Florida	168	Michigan	808	Oklahoma	106	Wisconsin	685
Georgia	372	Minnesota	648	Oregon	204	Wyoming	45
Hawaii	7	Mississippi	226	Pennsylvania	1,448		
Idaho	74	Missouri	1,096	Porto Rico	7	Total	22,056

The total number of *newspapers* published in the world at present is estimated at about 50,000, distributed as follows: United States and Canada, 22,056; Germany, 6,000; Great Britain, 8,000; France, 4,300; Japan, 2,000; Italy, 1,500; Austria-Hungary, 1,200; Asia, exclusive of Japan, 1,000; Spain, 850; Russia, 800; Australia, 800; Greece, 600; Switzerland, 450; Holland, 300; Belgium, 300; all others, 1,000. Of these more than half are printed in the English language.

Statistics of Education.

UNIVERSITIES AND COLLEGES OF LIBERAL ARTS IN THE UNITED STATES.
(Prepared for THE WORLD ALMANAC by the Statistician of the United States Bureau of Education.)

States and Territories, 1897-98.	Income in 1897-98. From Tuition Fees.	From Productive Funds.	From U. S. Government, State, or Municipal Appropriations.	Total Income.	Libraries, Bound Volumes.	Value of Scientific Apparatus.	Value of Grounds and Buildings.	Productive Funds.	Benefactions.
North Atlantic Division.									
Maine	$67,030	$71,978	$58,000	$213,196	129,682	$143,625	$1,091,566	$1,661,512	$114,500
N. Hampshire	37,000	65,000	5,000	107,000	80,000	102,000	650,000	1,500,000	155,200
Vermont	15,992	34,619	34,383	104,489	88,268	105,000	725,000	755,000	34,640
Massachusetts	824,365	695,747	....	1,712,316	719,959	1,313,450	8,142,425	15,421,277	1,559,355
Rhode Island	101,721	28,661	....	131,752	100,000	340,000	1,177,957	807,481	13,300
Connecticut	521,293	293,263	....	847,420	323,000	400,755	6,743,050	5,919,771	127,500
New York	813,046	1,082,580	273,104	2,744,844	949,342	1,413,727	20,891,155	24,199,969	1,190,861
New Jersey	158,499	171,000	38,000	489,499	186,762	570,000	2,525,000	3,500,000	4,000
Pennsylvania	720,464	360,038	408,215	1,575,680	638,842	1,084,198	12,263,682	9,465,206	658,387
South Atlantic Division.									
Delaware	300	4,980	38,000	44,869	10,500	23,000	101,500	83,000	200
Maryland	199,045	80,395	79,100	393,299	185,310	182,377	2,017,626	3,407,500	72,958
D. of Columbia	161,835	64,949	111,128	392,610	138,700	96,500	4,377,500	1,279,075	43,073
Virginia	102,808	93,405	62,500	273,769	160,425	95,200	2,159,000	1,779,000	155,381
West Virginia	7,836	6,403	69,550	90,836	18,600	51,000	520,000	114,750	.
N. Carolina	80,693	45,218	25,000	177,204	110,100	33,550	1,523,500	770,942	151,573
S. Carolina	25,000	27,572	27,000	99,372	71,300	22,300	845,000	550,800	31,514
Georgia	36,636	47,970	38,073	148,925	83,410	75,450	1,560,000	855,618	59,749
Florida	13,850	20,277	16,000	70,420	18,870	19,000	450,000	424,800	213,765
South Central Division.									
Kentucky	78,689	96,537	66,341	254,523	82,187	68,940	1,265,500	1,372,495	36,881
Tennessee	178,286	129,019	61,200	455,623	169,997	276,025	3,414,700	2,406,200	180,461
Alabama	81,632	29,200	350	115,115	61,250	70,350	865,000	365,000	300
Mississippi	14,200	42,043	5,000	67,243	30,000	38,800	440,000	692,500	7,000
Louisiana	55,914	100,556	40,138	214,974	71,700	126,250	1,845,000	1,947,313	7,800
Texas	178,587	76,022	72,500	344,183	74,569	93,075	1,959,500	720,716	83,500
Arkansas	30,451	11,206	66,377	112,591	22,708	33,500	495,000	150,500	4,430
Oklahoma	....	8,000	12,000	21,100	2,200	6,000	60,000	...	....
Indian Ter.	10,872	....	...	13,800	1,600	600	60,000	.. .	....
North Central Division.									
Ohio	329,671	375,500	334,924	1,121,827	434,641	442,800	8,072,956	7,843,200	509,314
Indiana	270,506	115,977	80,000	491,073	200,905	185,750	3,710,000	2,041,283	171,550
Illinois	672,940	486,706	248,000	1,613,185	601,049	565,580	8,073,235	10,499,217	55[illegible]
Michigan	252,993	97,042	213,000	649,061	226,661	612,212	2,333,704	1,609,983	252,851
Wisconsin	51,140	80,887	293,000	497,903	131,142	382,500	2,596,000	1,482,479	80,129
Minnesota	133,049	82,942	127,905	400,514	92,000	132,900	2,747,560	2,662,091	36,621
Iowa	201,526	98,671	72,979	391,395	130,506	287,850	2,173,798	1,556,769	15,[illegible]
Missouri	250,339	191,390	71,784	580,970	195,495	319,105	4,884,000	3,771,839	360,207
North Dakota	3,099	4,059	30,000	44,300	10,500	12,850	230,000	34,000	14,[illegible]
South Dakota	21,575	3,300	23,950	62,215	17,857	6,750	390,500	82,500	23,[illegible]
Nebraska	58,564	17,497	164,250	245,061	77,520	225,650	1,844,400	453,952	[illegible]
Kansas	120,691	26,227	88,540	269,633	107,857	185,175	1,811,500	397,155	1[illegible]
Western Division.									
Montana	10,500	11,000	19,000	41,500	6,700	8,800	225,000	....	[illegible]
Wyoming	610	....	46,076	47,243	5,750	60,000	111,540	....	[illegible]
Colorado	37,040	32,548	126,000	236,067	55,257	69,100	1,406,400	616,910	[illegible]
New Mexico	...	....	..	....	....	....	....	....	[illegible]
Arizona	...	....	48,700	48,700	3,400	40,000	85,000	....	[illegible]
Utah	8,180	7,193	60,000	82,948	19,000	20,500	325,000	196,427	[illegible]
Nevada	....	3,800	50,450	54,878	6,457	17,030	156,184	95,000	[illegible]
Idaho	518	412	44,000	45,680	6,100	35,000	130,000	7,472	500
Washington	40,208	8,000	40,250	111,688	27,146	23,958	644,000	150,000	32,250
Oregon	23,580	20,992	30,000	78,732	27,413	23,650	832,000	342,000	11,600
California	137,179	302,897	423,141	881,646	183,688	562,700	5,261,671	6,639,949	200,770
N. Atlantic Div	$3,259,410	$2,802,886	$816,702	$7,926,196	3,215,855	$5,472,755	$54,209,825	$63,230,216	$3,859,243
S. Atlantic Div.	608,003	391,174	466,351	1,691,804	797,215	598,377	13,552,126	9,265,485	728,213
S. Central Div	628,631	492,583	323,906	1,599,152	516,211	713,540	10,404,700	7,654,724	320,372
N. Central Div	2,366,093	1,580,198	1,748,332	6,367,137	2,226,133	3,359,122	38,867,653	31,434,468	2,309,916
Western Div	257,815	386,842	887,617	1,629,082	340,911	860,738	9,176,795	8,047,758	314,495
United States.	$7,139,952	$5,653,683	$4,242,908	$19,213,371	7,096,325	$11,004,532	126,211,099	119,632,651	$7,532,239

Statistics of Education.

UNIVERSITIES AND COLLEGES OF LIBERAL ARTS IN THE UNITED STATES.

(Prepared for THE WORLD ALMANAC by the Statistician of the United States Bureau of Education.)

STATES AND TERRITORIES, 1897-98.	Number of Institutions.	Professors and Instructors. Total Number.		Students. Preparatory Departments.		Students. Collegiate Departments.		Students. Graduate Departments.		Students. Professional Departments.		Students. Total Number.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male	Female.	Male.	Female.
North Atlantic Division.													
Maine	4	107	1	....	....	843	189	7	....	183	5	1,033	194
New Hampshire	2	64	..	12	..	564	....	...	....	115	....	691	....
Vermont	3	81	.	....	....	361	99	1	....	283	....	646	99
Massachusetts	9	743	10	477	19	3,674	380	405	37	2,246	123	6,[illegible]	[illegible]
Rhode Island	1	71	1	....	....	610	149	24	29	...	...	6[illegible]1	1[illegible]
Connecticut	3	301	..	....	...	2,115	58	217	37	428	....	2,[illegible]	1[illegible]
New York	23	1,230	58	3,486	217	5,190	607	547	56	2,682	34	11,[illegible]	1,0[illegible]
New Jersey	4	141	4	203	39	1,202	....	125	....	30	...	1,[illegible]	39
Pennsylvania	32	881	48	1,536	412	5,676	829	186	35	2,509	6	10,[illegible]	1,[illegible]
South Atlantic Division.													
Delaware	2	19	1	19	9	1[illegible]2	5	3	....	....	....	184	14
Maryland	11	254	16	475	73	857	105	217	...	241	41	1,7[illegible]	219
District of Columbia	6	403	10	385	27	472	126	153	13	1,374	1[illegible]	2,[illegible]	2[illegible]
Virginia	10	128	3	279	85	1,112	58	35	....	350	....	1,[illegible]	1[illegible]
West Virginia	3	51	12	163	21	363	113	5	6	122	3	6[illegible]	144
North Carolina	15	153	28	559	262	1,340	140	13	1	295	....	2,[illegible]	5[illegible]8
South Carolina	9	84	8	180	51	733	62	3	1	30	1	9[illegible]	115
Georgia	11	109	26	442	169	970	80	10	....	281	....	1,[illegible]	4[illegible]
Florida	6	51	29	254	161	164	106	5	2	....	....	4[illegible]	311
South Central Division.													
Kentucky	13	190	51	1,213	709	1,190	320	1[illegible]	1	588	....	2,[illegible]	1,079
Tennessee	24	452	97	1,546	959	1,721	783	60	10	1,971	24	5,[illegible]	1,[illegible]
Alabama	9	102	12	468	2[illegible]	6[illegible]	172	4	...	139	....	1,[illegible]	4[illegible]
Mississippi	4	46	6	155	8[illegible]	4[illegible]5	34	4	....	72	....	8[illegible]	1[illegible]
Louisiana	9	138	28	320	126	669	152	9	68	454	6	1,[illegible]	3[illegible]
Texas	16	220	59	1,428	787	1,269	519	17	11	650	47	3,[illegible]	1,3[illegible]
Arkansas	8	78	30	475	290	430	262	1	2	170	....	1,[illegible]	564
Oklahoma	1	8	2	186	145	20	7	...	....	6	3	2[illegible]	1[illegible]
Indian Territory	2	7	13	53	47	16	13	....	....	....	....	6[illegible]	65
North Central Division.													
Ohio	35	787	139	2,743	1,271	3,324	1,725	129	67	1,233	70	7,[illegible]	3,[illegible]
Indiana	14	269	29	1,068	358	1,799	761	86	29	319	12	3,[illegible]	1,[illegible]
Illinois	31	1,035	171	2,705	1,352	3,154	1,734	657	3[illegible]	3,[illegible]	261	1[illegible]	3,[illegible]
Michigan	11	299	68	798	399	1,651	876	53	2[illegible]	1,496	112	3,[illegible]	1,[illegible]
Wisconsin	10	225	29	641	97	1,690	517	88	30	259	6	2,[illegible]	6[illegible]
Minnesota	9	341	40	436	175	1,640	765	158	49	961	32	3,[illegible]	1,2[illegible]
Iowa	22	332	99	1,678	1,017	1,540	915	38	27	916	82	4,[illegible]	2,1[illegible]
Missouri	26	402	114	2,059	1,047	1,665	723	87	6	657	7	4,[illegible]	1,[illegible]
North Dakota	3	22	9	236	245	82	44	1	...	....	...	5[illegible]	289
South Dakota	6	46	30	271	274	139	87	3	2	....	....	493	4[illegible]
Nebraska	13	273	65	850	650	864	587	93	53	423	21	2,[illegible]	1,249
Kansas	19	306	70	1,456	896	1,184	670	36	15	355	27	3,161	1,789
Western Division.													
Montana	3	19	12	78	92	34	49	....	....	....	...	112	141
Wyoming	1	11	3	50	56	32	22	4	2	....	....	88	80
Colorado	4	204	21	382	252	255	205	14	8	256	21	926	4[illegible]
New Mexico	..	..	..	...	...	...	...	....	....	....	....	...	. .
Arizona	1	11	3	58	41	42	16	....	....	....	....	1[illegible]	57
Utah	2	32	5	252	189	50	56	2	1	....	....	4[illegible]	4[illegible]
Nevada	1	16	3	58	34	105	58	3	1	....	....	1[illegible]	1[illegible]
Idaho	1	15	6	92	69	53	31	3	...	..	....	148	100
Washington	9	84	22	402	214	337	141	6	1	....	....	746	356
Oregon	8	125	30	384	338	245	183	1	2	150	12	780	537
California	12	605	56	631	261	2,265	1,170	164	108	558	68	3,774	1,773
North Atlantic Division	81	3,619	122	5,714	687	20,235	2,311	1,512	194	8,476	168	36,427	3,500
South Atlantic Division	73	1,252	133	2,756	858	6,093	795	444	23	2,697	63	12,236	2,265
South Central Division	86	1,341	298	5,844	3,440	6,369	2,297	107	92	4,050	80	16,443	5,951
North Central Division	198	4,337	863	14,946	7,781	18,622	9,374	1,409	625	10,191	571	46,495	19,298
Western Division	42	1,122	161	2,337	1,526	3,419	1,951	197	123	964	101	7,289	4,152
United States	420	11,571	1,577	31,647	14,292	54,738	16,708	3,669	1,057	26,378	983	118,820	35,236

The Common Schools of the United States.

States and Territories.	Pupils Enrolled.	Per cent of Population Enrolled.	Average Daily Attendance.	Total Number of Teachers
N. Atlantic Div.				
Maine	134,405	20.50	97,616	6,727
N. Hampshire	64,207	16.10	47,717	2,711
Vermont	65,532	19.61	46,660	2,783
Massachusetts	456,141	16.93	349,147	13,266
Rhode Island	65,324	15.68	47,370	1,852
Connecticut	147,833	17.12	105,002	3,945
New York	1,203,199	17.56	827,652	34,385
New Jersey	304,680	16.58	200,278	6,276
Pennsylvania	1,173,082	18.93	864,626	28,080
S. Atlantic Div.				
Delaware	33,174	19.16	22,693	840
Maryland	236,003	19.67	134,530	4,987
Dis. of Columbia	44,698	15.67	34,383	1,167
Virginia	367,817	21.58	213,421	8,575
W. Virginia	236,188	27.27	159,768	6,868
North Carolina	399,375	22.78	214,540	7,217
South Carolina	258,183	20.26	182,559	4,973
Georgia	450,832	21.50	278,715	9,505
Florida	108,455	21.06	74,004	2,792
S. Central Div.				
Kentucky	501,893	24.89	308,697	9,960
Tennessee	481,585	25.66	338,176	9,135
Alabama	348,899	20.05	222,690	7,519
Mississippi	367,579	25.38	223,900	7,903
Louisiana	182,341	13.54	132,046	3,834
Texas	612,140	21.71	404,372	12,953
Arkansas	303,808	23.46	197,447	7,073
Oklahoma	77,121	23.83	49,182	2,107
Indian Territ'y	....	....	....	....

States and Territories.	Pupils Enrolled.	Per cent of Population Enrolled.	Average Daily Attendance.	Total Number of Te'ch'rs
N. Central Div.				
Ohio	810,285	20.69	618,667	25,256
Indiana	566,157	25.05	432,931	15,223
Illinois	939,163	18.73	729,227	25,257
Michigan	496,025	22.00	347,714	15,673
Wisconsin	435,914	20.69	287,609	12,465
Minnesota	384,063	21.75	243,200	11,243
Iowa	548,852	26.13	370,845	28,694
Missouri	638,583	22.49	440,722	15,256
North Dakota	67,375	19.13	41,155	3,537
South Dakota	89,001	21.90	54,600	4,508
Nebraska	273,914	23.48	173,330	9 608
Kansas	370,240	27.87	256,934	12,513
Western Div.				
Montana	35,070	14.26	23,400	1,088
Wyoming	13,642	11.62	8,700	556
Colorado	104,733	17.90	69,073	2,932
New Mexico	26,484	14.59	16,950	663
Arizona	14,613	16.80	9 011	435
Utah	70,878	26.75	42,638	1,339
Nevada	7,348	17.89	4,932	314
Idaho	29,737	18.92	21,528	848
Washington	97,916	20.74	64,192	3,321
Oregon	85,230	22.82	62,799	3,693
California	259,459	17.36	182,424	7,432
N. Atlantic Div.	3,614,463	17.85	2,587,468	99,863
S. Atlantic Div.	2,134,725	21.63	1,314,623	46,804
S. Central Div.	2,875,366	22.35	1,870,510	60,484
N. Central Div.	5,689,572	22.04	3,996,846	179,353
Western Div.	744,510	18.55	518,597	22,539
United States	15,058,636	20.68	10,286,052	409,193

Professional Schools in the United States.

Years.	Theological Schools.			Law Schools.			Medical Schools.* Regular.			Medical Schools.* Homeopathic.		
	Number.	Teachers.	Pupils.	Number.	Teachers.	Pupils.	Number.	Teachers.	Pupils.	Number.	Teachers.	Pupils.
1890-91	143	734	7,328	54	406	5,252	95	2,147	14,538	14	311	1,220
1891-92	141	854	7,729	58	507	6,073	95	2,423	14,934	14	299	1,086
1892-93	142	862	7,836	62	537	6,776	94	2,494	16,130	16	390	1,445
1893-94	147	963	7,658	67	621	7,311	109	3,077	17,601	19	478	1,666
1894-95	149	906	8,050	72	604	8,950	113	2,738	18,660	20	476	1,875
1895-96	144	869	8,017	73	658	9,780	116	2,902	19,999	20	493	1,956
1896-97	157	980	8,173	77	744	10,449	118	3,142	21,438	21	582	2,038
1897-98	155	958	8,371	83	845	11,615	122	3,423	21,002	21	629	1,786
	Dental Schools.			Schools of Pharmacy.			Nurse Training Schools.			Veterinary Schools.		
1890-91	28	518	2,016	30	194	2,884	34	255	1,613	9	95	513
1891-92	28	696	2,874	29	216	2,799	36	457	1,862	8	105	533
1892-93	29	513	2,852	31	264	3,394	47	556	2,338	7	114	564
1893-94	35	794	4,152	35	283	3,658	66	..	2,710	8	113	554
1894-95	45	968	5,347	39	317	3,854	131	..	3,985	9	132	474
1895-96	46	854	6,399	44	354	3,873	177	..	5,094	10	139	382
1896-97	48	826	6,460	43	362	3,426	298	..	7,263	12	153	364
1897-98	50	961	6,774	45	401	3,538	377	..	8,805	14	173	326

* There were also in 1897-98 6 Eclectic Schools, with 147 instructors and 538 students; 2 Physiomedical Schools, with 48 instructors and 107 students.

School and College Population in 1897-98.

Grades.	Number of Pupils. Public.	Private.	Total.
Elementary (primary and grammar)	14,589,036	1,249,665	15,838,701
Secondary (high schools, seminaries)	459,813	166,302	626,115
Colleges	29,728	71,330	101,058
Professional schools	8,096	46,135	54,231
Normal schools	46,245	21,293	67,538

Grades.	Number of Pupils. Public.	Private.	Total.
Business schools	.....	70,950	70,950
Reform schools	23,501	.....	23,501
Schools for deaf	10,395	483	10,878
Schools for blind	3,744	.....	3,744
Institutions for feeble-minded	8,866	366	9,232
Grand total United States	15,179,424	1,626,524	16,805,948

The number of business schools in 1897-98 was 337; reform schools, 90; schools for the deaf, 105; schools for the blind, 36; institutions for the feeble-minded, 99.

Principal Universities and Colleges of the United States.

TABLE ONE.

THE statistics embraced in this table were communicated to THE WORLD ALMANAC by the Presidents of the respective institutions and represent their condition at the close of 1899

Persons writing to the different institutions for catalogues should inclose postage stamp for reply, and also indicate the reason for request.

Organized.	Colleges. For explanation of signs, see page 311.	Location.	Denominational Control.	President or Chairman of Faculty.	Instructors *	Students *	Volumes in Library
1873	Add-Ran Christ. Un.†	Waco, Tex.	Disciples.	Albert Buxton, A. M. Ph. D.	30	200	5,000
1896	Adelphi College†	Brooklyn, N. Y.	Non-Sect.	C. H. Levermore, Ph.D.	25	332	8,000
1859	Adrian College†	Adrian, Mich.	Meth. Prot.	Dr. David Jones, D. D.	13	175	6,000
1872	Alabama Poly. Inst.†.	Auburn, Ala.	Non Sect.	W. LeRoy Broun, M.A. LL.D.	31	347	12,989
1851	Albion College†	Albion, Mich.	Meth. Epis.	Rev. J. P. Ashley, S.T.B., PhD.	25	454	15,000
1836	Alfred University†.	Alfred, N. Y.	Non Sect.	Rev. Boothe C. Davis, Ph. D.	24	172	12,136
1815	Allegheny College†	Meadville, Pa.	Meth. Epis.	William H. Crawford, D. D.	17	300	17,000
1886	Alma College†	Alma, Mich.	Presbyter'n	Rev. A. F. Bruske, D. D.	20	254	17,000
1892	Am. Temperance Un.†	Harriman, Tenn.	Non-Sect.	J. F. Spence, A. M. LL. D.	30	400	1,000
1891	American Univ. †(b).	Washington, D. C.	Meth. Epis.	John F. Hurst, D. D., LL. D.	.	.	.
1821	Amherst College	Amherst, Mass.	Non Sect.	George Harris, D. D., LL. D.	36	380	70,000
1872	Amity College†	College Springs, Ia.	Non Sect.	Rev. J. C. Calhoun, A. B., A. M.	11	250	2,500
1807	Andover Theol. Sem.	Andover, Mass.	Congregat'l	George Foot Moore, D. D.	6	25	50,000
1852	Antioch College†	Yellow Springs, O.	Non Sect.	William A. Bell, M. A.	14	122	10,000
1872	Arkansas College†.	Batesville, Ark.	Presbyter'n	Eugene R. Long, Ph. D.	7	105	4,100
1893	Armour Inst. Tech'y†	Chicago, Ill.	Non Sect.	Rev. F. W. Gunsaulus, D. D.	50	1,200	18,000
1842	Asheville College†	Asheville, N. C.	Non Sect.	Arch. A. Jones, A. B. A. M.	17	175	2,250
1869	Atlanta University†	Atlanta, Ga.	Non-Sect.	Horace Bumstead, D. D.	20	300	10,500
1820	Auburn Theol. Sem'y	Auburn, N. Y.	Presbyter'n	Rev. G. B. Stewart, D. D.	9	91	30,000
1869	Augsburg Seminary	Minneapolis, Minn.	Lutheran.	Georg Sverdrup	8	180	1,000
1860	Augustana College†.	Rock Island, Ill.	Lutheran.	Rev. O. Olsson, D. D., Ph. D.	27	575	15,000
1858	Baker University†	Baldwin, Kan.	Meth. Epis.	Lemuel H. Murlin, D. D.	24	568	8,000
1846	Baldwin University†	Berea, O.	Meth. Epis.	Rev. R. M. Freshwater, M. A.	23	276	7,000
1839	Barnard College†(d)	Manh'n Boro, N. Y.	Non-Sect.	Emily J. Putnam, Dean.	41	308	1,000
1864	Bates College†.	Lewiston, Me.	Free Bapt.	George C. Chase, D. D., LL. D.	21	340	21,000
1845	Baylor University†	Waco, Tex.	Baptist.	Oscar H. Cooper, LL. D.	22	458	8,400
1847	Beloit College†	Beloit, Wis.	Non-Sect.	E. D. Eaton, D. D., LL. D.	26	412	21,500
1858	Berea College†	Berea, Ky.	Non-Sect.	Wm. G. Frost, Ph. D., D. D.	28	698	16,000
1881	Bethany College†	Lindsborg, Kan.	Lutheran.	Rev. C. Swensson, Ph. D.	30	600	4,500
1841	Bethany College† (q)	Bethany, W. Va.	Disciples.	C. A. Young, Ph. D.	10	100	3,000
1854	Bethel College	Russellville, Ky.	Baptist.	Rev. E. S. Alderman, D. D.	6	104	5,000
1851	Bethel College†	McKenzie, Tenn.	Cumb. Pres.	Chas. E. Starke, A. M.	9	87	500
1857	Biddle University§.	Charlotte, N. C.	Presbyter'n	Rev. D. J. Sanders, D. D.	11	267	11,000
1869	Boston University†.	Boston, Mass.	Meth. Epis.	W. F. Warren, S.T.D., LL.D.	141	1,376	. .
1794	Bowdoin College.	Brunswick, Me.	Congregat'l	Wm. De Witt Hyde, D. D.	32	360	64,000
1875	Brigham Young Col.†	Logan, Utah	Latter Day.	Wm. J. Kerr, D. Sc., B. D.	26	570	2,109
1764	Brown University†	Providence, R. I.	Non-Sect.	W. H. P. Faunce, A. M., D. D.	75	870	100,000
1885	Bryn Mawr College†	Bryn Mawr, Pa.	Non-Sect.	M. Carey Thomas, LL. D.	38	365	30,593
1871	Buchtel College†	Akron, O.	Univ'rsalist	Rev. Ira A. Priest, A. M., D. D.	18	178	8,000
1846	Bucknell University†	Lewisburg, Pa.	Baptist.	John H. Harris, LL.D., Ph. D.	31	461	19,000
1848	Burritt College†	Spencer, Tenn.	Christian.	W. N. Billingsley, A.M.	10	192	3,560
1855	Butler University† (q)	Irvington, Ind.	Non Sect.	Scot Butler, A. M., LL.D.	20	200	6,000
1870	Canisius College	Buffalo, N. Y.	R. Catholic.	Rev. John B. Theis, S. J.	30	270	22,000
1850	Capital University	Columbus, O.	Lutheran.	F. W. Stellhorn, D. D.	9	100	6,000
1866	Carleton College†	Northfield, Minn.	Congregat'l.	Rev. James W. Strong, D. D.	23	356	15,000
1850	Carson & Newman C.†	Mossy Creek, Tenn.	Baptist.	J. T. Henderson, A. M.	13	300	1,000
1870	Carthage College†	Carthage, Ill.	Lutheran.	Rev. J. M. Ruthrauff, D. D.	12	168	5,000
1880	Case Sc. Appl. Science	Cleveland, O.	Non-Sect.	Cady Staley, Ph.D., LL.D.	22	250	2,000
1851	Catawba College†	Newton, N. C.	Reformed.	Rev. G. C. Clapp, D. D.	10	147	2,000
1889	Catholic Univ. Am.(f)	Washington, D. C.	R. Catholic	Rev. Thomas J. Conaty, D. D.	34	168	30,369
1857	Central College†	Fayette, Mo.	Meth. Ep. S.	E. B. Craighead, A. M., LL. D.	9	210	6,000
1855	Central Penn'a Coll. †	New Berlin, Pa.	Evangelical	Rev. A. E. Gobble, A.M., D.D.	9	113	5,200
1866	Central Tenn. Col.†(c).	Nashville, Tenn.	Meth. Epis.	Rev. John Braden, D. D.	46	531	4,325
1853	Central University†	Pella, Iowa.	Baptist.	Asa B. Bush, Ph. D.	14	208	4,500
1873	Central University (q)	Richmond, Ky.	Presbyter'n	L. H. Blanton, D. D., Chan.	49	954	8,200
1864	Central Wesleyan Col.†	Warrenton, Mo.	Meth. Epis.	Geo. B. Addicks, A. B., A. M.	14	225	6,500
1819	Centre College	Danville, Ky.	Presbyter'n	Rev. W. C. Roberts, D. D., LL. D.	16	241	13,124
1857	Chaddock College†	Quincy, Ill.	Meth. Epis.	A. M. Danely, A. M., D. D.	13	250	2,000
1891	Charles City College†	Charles City, Iowa.	Germ. Meth.	J. F. Hirsch, M. A.	9	220	1,500
1785	Charleston College	Charleston, S. C.	Non-Sect.	Harrison Randolph, M. A.	7	44	13,000
1853	Christian University†	Canton, Mo.	Disciples.	Clinton Lockhart, A.M., Ph.D.	22	150	1,000
1869	Claflin University†§	Orangeburg, S. C.	Meth. Epis.	L. M. Dunton, A.M., D.D.	30	600	5,000
1870	Clark University†.	Atlanta, Ga.	Meth. Epis.	Chas. M. Melden, Ph. D.	13	459	1,000
1887	Clark University	Worcester, Mass.	Non-Sect.	G. Stanley Hall, Ph. D., LL.D.	.	.	18,000
1889	Clemson Agri. College	Clemson Col., S. C.	Non-Sect.	Henry S. Hartzog, LL. D.	31	417	5,000
1881	Coe College†	Cedar Rapids, Ia.	Presbyter'n	Rev. S. B. McCormick, D. D.	16	215	3,000
1818	Colby College†	Waterville, Me.	Baptist.	Rev. Nathaniel Butler, D. D.	18	190	35,000
1819	Colgate University	Hamilton, N. Y.	Baptist.	Geo. E. Merrill, D. D.	32	350	30,000
1848	College City of N. Y.	Manh'n Boro, N. Y.	Non-Sect.	Alex. Stewart Webb, LL. D.	60	2,046	32,326
1874	Colorado College†	Colorado Sp's, Col.	Non-Sect.	W. F. Slocum, B. D., LL. D.	37	510	29,000
1754	Columbia Univ. (d)	Manh'n Boro, N. Y.	Non-Sect.	Seth Low, LL. D.	339	7,208	275,000
1821	Columbian Univ. †.	Washington, D. C.	Baptist.	B. L. Whitman, D. D., LL. D.	170	1,119	12,000
1839	Concordia College	Fort Wayne, Ind.	Lutheran.	Jos. Schmidt, A. M.	8	169	4,350
1857	Cornell College†	Mt. Vernon, Iowa.	Meth. Epis.	Wm. F. King, D. D., LL. D.	33	647	17,249
1868	Cornell University†.	Ithaca, N. Y.	Non-Sect.	J. G. Schurman, D.Sc., LL. D.	284	2,543	225,022

Organized.	Colleges—Table One. For explanation of signs, see page 311.	Location.	Denominational Control.	President or Chairman of Faculty.	Instructors.*	Students.*	Volumes in Library
1889	Cotner University†	Bethany, Neb.	Disciples	W. P. Aylsworth, LL. D.	36	150	500
1842	Cumberland Univ.†	Lebanon, Tenn.	Cumb. Pres.	Nathan Green, LL.D.	16	232	6,000
1769	Dartmouth College	Hanover, N. H.	Non-Sect.	Wm. J. Tucker, D.D., LL.D.	58	752	85,000
1837	Davidson College	Davidson, N. C.	Presbyter'n	J. B. Shearer, D.D., LL. D.	10	152	12,000
1884	Defiance College†	Defiance, O.	Non-Sect.	Rev J. R. H. Latchaw, A M, DD	10	323	600
1834	Delaware College	Newark, Del	Non-Sect.	Geo. A. Harter, M.A., Ph.D.	19	92	12,000
1831	Denison University	Granville, O.	Baptist	D. B. Purinton, Ph.D., LL.D.	21	378	20,000
1837	De Pauw University†	Greencastle, Ind.	Meth. Epis.	Rev. H. A. Gobin, D.D., A. M	29	623	24,630
1865	Des Moines College†	Des Moines, Iowa.	Baptist	H. L. Stetson, D.D., A.M., B.D.	11	181	3,750
1783	Dickinson College†	Carlisle, Pa.	Meth. Epis.	Geo. E. Reed, S. T. D., LL.D.	27	468	40,660
1872	Doane College†	Crete, Neb	Congregat'l.	David B. Perry, A.M., D.D.	8	68	7,800
1891	Drake University†	Des Moines, Iowa.	Christian	Wm. B. Craig, D.D., LL. D.	56	1,259	7,000
1866	Drew Theol. Sem.	Madison, N. J	Meth. Epis.	Henry A. Buttz, D.D., LL.D.	7	200	50,000
1873	Drury College†	Springfield, Mo.	Congregat'l.	Homer T. Fuller, Ph.D.	21	330	25,000
1847	Earlham College†	Richmond, Ind.	Or. Friends.	Joseph J. Mills, A.M., LL.D.	17	241	7,000
1855	Elmira College† (q).	Elmira, N. Y.	Presbyter'n	Rev. A. C. MacKenzie, D.D.	19	114	5,000
1890	Elon College†	Elon College, N. C.	Christian	Rev. W. W. Staley, A.M., D.D.	10	125	2,000
1837	Emory & Henry Col.	Emory, Va	Methodist	R. G. Waterhouse, M.A., D.D.	10	101	10,000
1836	Emory College	Oxford, Ga	Meth. Ep. S.	C. E. Dowman, A. M., D.D.	14	329	20,000
1883	Emporia College†	Emporia, Kan.	Presbyter'n	Rev. J. C. Miller, A. M., D. D.	10	168	4,000
1839	Erskine College†	Due West, S. C.	Presbyter'n	Rev. F. Y. Pressly (Chm. Fac)	6	100	3,000
1855	Eureka College†	Eureka, Ill	Disciples	J. H. Hardin, A.M., LL.D.	16	210	3,200
1867	Ewing College†	Ewing, Ill	Baptist	J. A. Leavitt, B. A., D.D	13	250	5,500
1895	Fairmount College†	Wichita, Kan.	Congregat'l.	Rev. N. J. Morrison, DD. LLD	20	154	18,000
1888	Fargo College†	Fargo, N. Dak.	Congregat'l.	H. C. Simmons, A. B., D. D.	11	155	3 200
1882	Findlay College†	Findlay, O	Ch. of God	Rev. C. Manchester, D. D	13	189	1,300
1867	Fisk University† (c).	Nashville, Tenn.	Congregat'l.	Erastus Milo Cravath, D.D.	30	507	6,632
1881	Fort Worth Univ. †	Fort Worth, Tex.	Meth. Epis.	Rev. O. L. Fisher, A.M., D.D.	47	911	5,000
1852	Franklin & Marshall.	Lancaster, Pa.	Ref. in U. S.	Rev. J. S. Stahr, Ph.D., D.D.	27	332	35,000
1824	Franklin College†	Franklin, Ind.	Baptist	Rev. W. T. Stott, D. D.	12	271	11,795
1825	Franklin College	New Athens, O.	Non-Sect.	Rev. W. A. Williams, D.D.	12	100	3,000
1854	Furman University†	Greenville, S. C.	Baptist	A. P. Montague, LL. D.	10	181	2,000
1850	Gale College†	Galesville, Wis.	Presbyter'n	Wm. D. Thomas, D.D., Ph.D.	14	99	1,000
1817	General Theol. Sem	Manh'nBoro, N.Y.	Prot. Epis	E. A. Hoffman, D.D., Dean.	12	150	28,844
1848	Geneva College†	Beaver Falls, Pa.	Ref. Presb.	W. P. Johnston, A.M., D.D.	14	202	4,500
1829	Georgetown College†	Georgetown, Ky	Baptist	Arthur Yager, Ph. D.	21	300	12,000
1789	Georgetown Univ.	Washington, D. C	R. Catholic.	Rev. J. D. Whitney, S. J.	110	708	85,000
1848	Girard College	Philadelphia, Pa.	Non-Sect.	A. H. Fetterolf, Ph.D., LL.D	67	1,773	16,574
1850	Grand River C. U. Col. †	Edinburg, Mo.	Chris. Union	Rev. Geo. W. Mitchell, D.D.	9	94	3,000
1866	Grant University†	Athens, Tenn. ††	Meth. Epis.	Rev. John H. Race, A.M., D.D	67	785	6,000
1838	Greensboro College†	Greensboro, N. C	Meth. Epis	Dred Peacock, A.B., A.M.	12	156	6,000
1794	Gr'nville & Tusc. Col. †	Tusculum, Tenn	Presbyter'n	Rev. Jere. Moore, D.D	9	154	7,800
1891	Greer College†	Hoopeston, Ill	Non-Sect.	J. C. McClure, B. S., A. M.	14	225	2,000
1876	Grove City College†	Grove City, Pa.	Non-Sect.	Rev. I. C. Ketler, Ph. D., D.D.	18	623	4,000
1837	Guilford College†	Guilford Col., N. C.	Friends	Lewis L. Hobbs, A M.	10	219	4,800
1862	Gustav. Adolphus C. †	St. Peter, Minn.	Lutheran	M. Wahlstrom, A.M., Ph.D.	19	316	7,300
1812	Hamilton College	Clinton, N. Y.	Non-Sect.	M. W. Stryker, D.D., LL.D.	22	164	40,000
1854	Hamline Univ. †	St. Paul, Minn. (x).	Meth. Epis.	Rev. G. H. Bridgman, D.D.	61	455	6,500
1776	Hampden-Sidney Col.	Hamp.-Sidney, Va	Non-Sect.	Richard McIlwaine, D D.	9	123	15,000
1868	Hampton Inst. † (j).	Hampton, Va	Non-Sect.	Rev. H. B. Frissell, D.D.	80	992	9,538
1828	Hanover College†	Hanover, Ind.	Presbyter'n	D. W. Fisher, D.D., LL.D.	13	175	14,500
1834	Hartford Theol. Sem. †	Hartford, Ct.	Congregat'l.	Rev. C. D. Hartranft, D.D.	17	70	72,000
1636	Harvard University	Cambridge, Mass.	Non-Sect.	Charles Wm. Eliot, LL.D.	442	4,067	525,000
1833	Haverford College	Haverford, Pa.	Friends	Isaac Sharpless, Sc.D., LL.D	19	124	36,000
1855	Hedding College† (q).	Abingdon, Ill.	Meth. Epis	H. D. Clark, D. D., Ph. D.	12	206	2,000
1850	Heidelberg Univ. †	Tiffin, O	Ref. in U. S	Rev. J. A. Peters, D.D.	28	381	15,000
1834	Hendrix College†	Conway, Ark.	Meth. Ep. S.	Rev. A. C. Millar, A.M.	12	142	5,300
1892	Henry College†	Campbell, Tex.	Non-Sect.	T. H. Bridges	17	278	....
1857	Highland University†	Highland, Kan.	Presbyter'n	Roy V. Magers, A. M.	8	75	5,000
1855	Hillsdale College†	Hillsdale, Mich.	Free Baptist	George F. Mosher, LL.D.	21	383	10,000
1850	Hiram College†	Hiram, O	Disciples	Ely V. Zollars, A.M., LL.D	23	400	5,000
1849	Hiwassee College†	Hiwassee, Tenn	Non-Sect.	Rev. J. E. Lowry	5	75	3,000
1825	Hobart College	Geneva, N Y.	Prot. Epis.	Rev. Robt. E. Jones, D.D.	20	90	36,429
1843	Holy Cross College	Worcester, Mass.	R. Catholic.	John F. Lehy, S. J	29	300	13,000
1866	Hope College†	Holland, Mich.	Ref. in Am.	Gerrit J. Kollen, A.M., LL.D	14	200	15,000
1841	Howard College†	East Lake, Ala.	Baptist	F. M. Roof, A. B., A.M.	9	133	1,500
1890	Howard Payne Coll. †	Brownwood, Tex.	Baptist	J. H. Grove, M. S. D., A. M.	16	230	2,000
1867	Howard University†	Washington, D. C.	Non-Sect.	J. E. Rankin, D.D., LL.D.	50	700	15,000
1883	Huron College†	Huron, S. Dak.	Presbyter'n	Rev. C. H. French, M. A.	10	167	1,500
1829	Illinois College	Jacksonville, Ill.	Non-Sect.	M. E. Churchill, A M (Act. Pr.)	15	239	10,000
1851	Ill. Wesleyan U † (q).	Bloomington, Ill	Meth. Epis.	Edgar M. Smith	41	1,320	10,000
1820	Indiana University†	Bloomington, Ind.	Non-Sect.	Joseph Swain, LL.D.	65	1,050	33,000
1847	Iowa College†	Grinnell, Iowa	Congregat'l.	Rev. George A. Gates, D.D.	33	479	26,000
1858	Iowa State College†	Ames, Iowa	Non-Sect.	W. M. Beardshear, LL.D.	70	744	12,460
1844	Iowa Wesleyan Univ †	Mt. Pleasant, Iowa	Meth. Epis.	Rev. F. D. Blakeslee, D.D.	20	402	4,000
1883	John B. Stetson Un. †	De Land, Fla.	Baptist	John F. Forbes, A.M., Ph.D	27	300	10,000
1876	Johns Hopkins U. (a).	Baltimore, Md.	Non-Sect.	Daniel C. Gilman, LL. D.	126	650	90,000
1855	Kalamazoo College†	Kalamazoo, Mich.	Baptist	A. G. Slocum, LL.D.	12	218	6,735
1856	Kansas Wesleyan U. †	Salina, Kan.	Meth. Epis.	F. D. Tubbs, A.M. (Act. Pres.)	18	588	2,000
1836	Kentucky Univ. † (q).	Lexington, Ky. (y)	Christian	Rev. Reuben L. Cave, D. D.	15	351	14,272
1860	Ky. Wesleyan Col. †	Winchester, Ky.	Meth. Ep. S.	Rev. Eugene H. Pearce, D.D.	6	125	2,000
1826	Kenyon College	Gambier, O.	Prot. Epis.	Rev. W. F. Peirce, M. A., LHD	25	204	32,000
1892	Keuka College†	Keuka Col., N. Y.	Free Bapt.	Rev. Geo. H. Ball, A M., D.D.	10	150	1,600

Organized.	Colleges—Table One. For explanation of signs, see page 311.	Location.	Denominational Control.	President or Chairman of Faculty.	Instructors.*	Students.*	Volumes in Library
1867	King College.....	Bristol, Tenn.....	Presbyter'n	Rev. A. G. Buckner, A. B..	5	75	2,000
1837	Knox College†	Galesburg, Ill.....	Non-Sect..	.....	25	673	3,000
1881	La Fayette College† ..	La Fayette, Ala..	Non-Sect..	Geo. R. McNeill, A.M., Ph.D.	8	200	200
1889	Lafayette College.....	Easton, Pa.....	Presbyter'n	E. D. Warfield, LL.D.....	28	300	18,000
1856	La Grange College†....	La Grange, Mo.....	Baptist.....	Jere. F. Muir, LL.D., A. M.	14	150	500
1857	Lake Forest University.†	Lake Forest, Ill. (p)	Presbyter'n	James G. K. McClure, D.D..	125	1,389	1,426
1829	Lane Theol. Seminary	Cincinnati, O.....	Presbyter'n	Rev. David T. Schaff, D.D....	5	30	18,000
1867	La Salle College.....	Philadelphia, Pa..	R. Catholic..	Rev. Bro. Isidore, F. S. C....	15	213	6 000
1847	Lawrence Univ.†	Appleton, Wis....	Meth. Epis.	Samuel Plantz, Ph.D., D.D.	22	298	15,210
1866	Lebanon Valley Col.†.	Annville, Pa.....	U. Brethren.	Rev. H. U. Roop, A.M., Ph.D.	21	300	10,000
1866	Lehigh University....	S. Bethlehem, Pa..	Non-Sect..	Thomas M. Drown, LL.D.	37	411	100,000
1891	Leland Stanford, Jr.†.	Palo Alto, Cal....	Non-Sect..	David Starr Jordan, LL.D..	115	1,153	44,694
1870	Leland University†...	New Orleans, La..	Non-Sect..	Edward C. Mitchell, D.D..	21	688	1,500
1891	Lenoir College†	Hickory, N. C....	Lutheran...	Rev. R. A. Yoder, D.D....	8	130	300
1856	Lenox College†	Hopkinton, Iowa.	Presbyter'n	Andrew G. Wilson, A. M...	11	145	4,000
1874	Liberty College†	Glasgow, Ky.....	Baptist.....	Rev. J. H. Burnett, A. M..	11	165	1,000
1892	Lima College†	Lima, O.	Lutheran.	Rev. S. P. Long, A. M.....	10	291	1,000
1868	Lincoln University† .	Lincoln, Ill	Cumb. Pres.	Archelaus E. Turner, A.M..	11	188	2,500
1882	Livingstone College††	Salisbury, N. C....	Afric. Meth.	Wm. H. Goler, D. D.	14	250	5,000
1851	Lombard College† ..	Galesburg, Ill.....	Universalist	Charles E. Nash, A.M., D.D.	13	173	7,000
1860	Louisiana State Univ.	Baton Rouge, La.	Non-Sect.	Thomas D. Boyd, M. A.....	21	506	21,000
1885	Macalester College† .	St. Paul, Minn.....	Presbyter'n	James Wallace, Ph.D ...	10	135	7,000
1863	Manhattan College...	Manh'n Boro, N.Y.	R. Catholic.	Rev. Bro. Justin, LL.D.....	36	716	9,352
1835	Marietta College† . .	Marietta, O.....	Non-Sect	J. H. Chamberlin, Ph. D (Dean	29	255	65,000
1819	Maryville College†....	Maryville, Tenn.	Presbyter'n	S. W. Boardman, D.D., LL.D.	16	380	11,000
1868	Mass. Agricul. Coll. † .	Amherst, Mass..	Non-Sect....	Henry H. Goodell, LL.D.	19	136	19,600
1865	Mass. Inst. Techn'lgy†	Boston, Mass.....	Non-Sect .	James M. Crafts, S. B., LL.D	128	1,205	50 149
1830	McCormick Th. S. (q)	Chicago, Ill.....	Presbyter'n	B. L. Hobson, D.D (Act. Chm.	9	170	20 000
1828	McKendree College† .	Lebanon, Ill.....	Meth. Epis.	McK. H. Chamberlin, LL.D	15	298	8 000
1858	McMinnville College†	McMinnville, Ore	Baptist. . .	H. L. Boardman, A. M....	7	125	2 600
1887	Mercer University	Macon, Ga.	Baptist.....	P. D. Pollock, LL. D	15	260	15 000
1824	Miami University† ..	Oxford, O..	Non-Sect..	Rev David S. Tappan, D.D	15	132	15,300
1857	Mich. Agric. College†	Lansing, Mich.	Non-Sect..	J. L. Snyder, M. A., Ph. D.	45	550	21,000
1800	Middlebury College†	Middlebury, Vt	Non-Sect..	Ezra Brainerd, LL.D	10	122	23 383
1887	Midland College†.....	Atchison, Kan ..	Lutheran...	Rev. Jacob A. Clutz, D.D.	14	189	6 000
1882	Milligan College†....	Milligan, Tenn	Christian .	Josephus Hopwood, A M ..	9	193	2,000
1871	Mills College†	Seminary Park, Cal	Non-Sect..	Mrs C. T Mills.....	26	160	6,000
1892	Millsaps College.....	Jackson, Miss....	Meth. Epis.	Wm. B Murrah, D D , LL.D	13	200	5,000
1867	Milton College†	Milton, Wis	7th Day Bap	Rv W C Whitford, A.M ,D D	8	132	4,750
1880	Miss. Ag. & Mech Col.†	Agric. Col., Miss	Non-Sect	J. M. Stone.....	20	328	6,709
1850	Mississippi College...	Clinton, Miss.....	Baptist.....	Rev W. T Lowrey D D ,A.M	8	195	3,000
1889	Missouri Valley Col.†.	Marshall, Mo.....	Cumb. Pres.	William H Black D D.....	13	205	5,025
1856	Monmouth Coll. † (q).	Monmouth, Ill...	United Pres	Samuel R. Lyons, D.D.....	20	300	6,000
1853	Moore's Hill Col †	Moore's Hill, Ind.	Meth. Epis.	Chas. W. Lewis, D D.. . .	8	173	5,000
1888	Morgan College † §.. .	Baltimore, Md .	Meth. Epis .	Rev. F J Wagner, A M , D.D.	9	100	5,000
1894	Morningside Coll. †(q)	Sioux City, Iowa..	Methodist	W. S. Lewis, D D.....	13	230	1 500
1881	Morris Brown College†	Atlanta, Ga.....	Methodist .	Rev J. M Henderson, A M	15	422	1,500
1872	Morrisville College†	Morrisville, Mo ..	Meth. Epis..	J. J. Pritchett, A M., LL. D.	10	146	4,200
1887	Mount Angel College.	Mount Angel, Ore.	R. Catholic	F. Dominic, O S B.	17	125	6,000
1837	Mt. Holyoke College†.	S. Hadley, Mass.	Non-Sect .	Mrs E. Storrs Mead, A. M	49	540	18,600
1808	Mt. St. Mary's College	Emmitsburg, Md.	R. Catholic	Very Rev W L. O'Hara. A M.	36	200	25,000
1846	Mt. Union College†..	Alliance, O.....	Meth. Epis	Albert E Riker, D. D., A. M.	23	453	4,000
1867	Muhlenberg College	Allentown, Pa . .	Lutheran .	Rev Theo L. Seip, D D.....	12	155	10,500
1837	Muskingum College†.	New Concord, O	United Pres.	Rev Jesse Johnson, D D .	15	163	3,281
1887	Neb. Wesleyan Un. †	University Pl, Neb	Meth. Epis.	D. W. C. Huntington, D. D..	30	450	3,000
1886	Nevada State Univ †	Reno, Nev.....	Non Sect..	Joseph E Stubbs, D D , LL.D	23	331	7 093
1856	Newberry College†.	Newberry, S. C .	Lutheran..	Geo. B. Cromer. A. M.....	8	165	8,000
1873	New Orleans U † (q)	New Orleans, La	Meth. Epis.	L. G. Adkinson. A.M., D. D.	22	364	5,000
1825	Newton Theol Inst.	Newton Centre, Mas	Baptist ..	Rev Nathan E. Wood D.D.	9	69	23,000
1831	New York Univ. (w)	New York City (w)	Non-Sect.	H. M McCracken, D.D , LL.D.	142	1,735	49,945
1856	Niagara University.	Niagara Falls, N. Y	R. Catholic	Rev. Patrick McHale, C. M	20	200	10,000
1859	North Carolina Col..	Mt. Pleasant, N. C.	Lutheran. .	E. Bowers, A M. (Act. Pres.)	4	52	4,000
1861	Northern Ill. Col.† ...	Fulton, Ill	Non Sect .	J. E. Bittinger, A. M	12	180	3 400
1892	Nor' west Missouri C.†	Albany, Mo.....	Meth. South	G. H. Burr, A M..	6	50	1,000
1851	Northwestern Coll.†..	Naperville, Ill...	Evangelical	Rev H. J Kiekhoefer, A.M.	18	380	5,000
1855	Nor' west' n Univ †(q)	Evanston, Ill....	Meth. Epis	Henry W Rogers, LL.D.....	222	2 019	38,582
1805	Nor' west' n Univ † (q)	Watertown, Wis.	Lutheran..	A. F. Ernst.....	8	126	3 709
1861	Norwegian Luth. Coll	Decorah, Iowa...	Lutheran...	Rev. Laur. Larsen.....	9	173	9,291
....	Notre Dame Univ.....	See "University of	Notre Dame	.			
1839	Oberlin College†.....	Oberlin, O	Non-Sect..	John H. Barrows, D D.. ..	78	1,244	52,500
1877	Ogden College..	Bowling Gr'n, Ky	Non Sect..	Wm A. Obenchain, A M ...	5	76	3,500
1876	Ohio State Univ.†.....	Columbus, O.....	Non-Sect..	W O. Thompson, D D., LL.D	114	1,125	28,842
1804	Ohio University†	Athens, O..... ..	Non-Sect..	Chas W. Super, Ph. D , LL.D.	20	350	16,000
1844	Ohio Wesleyan Univ.†	Delaware, O.....	Meth. Epis.	J. W Bashford, Ph. D., D.D.	94	1,312	35,000
1844	Olivet College (q)....	Olivet, Mich.....	Congregat'l	Rev. Willard G. Sperry, D.D.	23	250	26,000
1855	Ottawa University†..	Ottawa, Kan.....	Baptist. .	J. D S. Riggs, A. M., Ph.D	20	501	3,500
1847	Otterbein Univ. †.....	Westerville, O. ..	U. Brethren.	T. J. Sanders, A.M., Ph.D	20	258	9,000
1886	Ouachita Bapt. Coll. †.	Arkadelphia, Ark	Baptist	John W Conger, A B., A.M	24	401	3 500
1847	Oxford College†.....	Oxford. O.	Presbyter'n	Rev Faye Walker D D , A.M	25	140	4,000
1891	Pacific College†.....	Newberg, Ore. ..	Friends	Thomas Newlin, A M.....	8	125	500
1848	Pacific University† (q)	Forest Grove, Ore.	Congregat'l.	Thomas McClelland, D D .	13	216	9 300
1875	Park College†.	Parkville, Mo ...	Presbyter'n	L. M. McAfee (Act. Pres.)..	23	378	12 000
1875	Parsons College†.....	Fairfield, Iowa...	Presbyter'n	Rev. D. E. Jenkins Ph. D...	13	200	5,000

Organized.	Colleges—Table One. For explanation of signs, see page 311.	Location.	Denominational Control.	President or Chairman of Faculty.	Instructors.*	Students.*	Volumes in Library.
1873	Penn College†	Oskaloosa, Iowa..	Friends	A. Rosenberger, A B., LL D	12	357	5,000
1832	Pennsylvania Coll. † .	Gettysburg Pa.	Lutheran. .	H.W McKnight, D.D , LL.D	16	258	24,000
1862	Penna Military Col..	Chester Pa	Non-Sect . .	Col. Chas E. Hyatt, C.E. .	15	137	1,500
1859	Penna State Coll. †. .	State College, Pa . .	Non-Sect . .	Geo W Atherton, LL D..	38	324	15,800
1876	Philander Smith Col.†	Little Rock, Ark .	Meth. Epis	Rev James M. Cox, A M.	15	324	1,000
1866	Philomath College†..	Philomath, Ore ..	U. Brethren	P. O Bonebrake, A. M.....	7	121	2,500
1881	Pike College† (*q*) ...	Bowling Green, Mo	Non-Sect .	R. E. Downing A. M.....	9	165	600
1891	Polytechnic College†	Fort Worth, Tex..	Meth. Ep S	.....	12	361	1,800
1854	Polytechnic Institute.	Brooklyn, N Y..	Non-Sect ..	Henry S Snow, LL. M.	47	700	9,000
1891	Portland University†	Portland Ore.....	Meth Epis..	Geo. Whitaker, A. M., D.D.	22	340	1,100
1887	Pratt Institute†.....	Brooklyn, N. Y...	Non-Sect...	Charles M Pratt.....	134	2,874	67,996
1880	Presbyterian Col. S. C†	Clinton, S. C.....	Presbyter'n	Almon E. Spencer, B.A., M. A	6	56	1,500
1812	Princeton Theol Sem.	Princeton, N. J. .	Presbyter n	W. H. Green, D. D (Act Pres.)	12	192	63 000
1746	Princeton University	Princeton, N. J. .	Non-Sect...	F. L. Patton, D.D , LL.D....	85	1,100	140.000
1871	Prosseminar College .	Elmhurst, Ill ...	Evangelical	Rev. D. Irion	8	90	3,500
1874	Purdue University† .	Lafayette, Ind .	Non-Sect	James H. Smart, A.M , LL.D	66	751	9,000
1852	Racine College	Racine, Wis	Prot. Epis.	Henry D Robinson, M. A.	6	67	10,000
1879	Radcliffe College†....	Cambridge, Mass.	Non-Sect..	Mrs. Elizabeth C. Agassiz.	100	420	14,000
1832	Randolph-Macon Col	Ashland, Va (*l*)..	Meth Epis.	Rev. Wm. G. Starr, A M., D.D.	12	127	8,500
1891	Red River Val. Univ †	Wahpeton, N. Dak	Meth. Epis.	Rev E. P. Robertson	7	152	1,600
1824	Rensselaer Poly. Inst.	Troy, N. Y.	Non-Sect .	John Hudson Peck, LL.D..	17	165	6,000
1835	Richmond College† ..	Richmond, O.....	Non-Sect. .	G W MacMillan, D.D., Ph. D	7	100	3,000
1832	Richmond College† ..	Richmond, Va..	Baptist. .	F W. Boatwright, M A....	18	260	13,800
1876	Rio Grande College†.	Rio Grande. O	Free Bapt	Rev J. M. Davis, A M., D.D.	7	150	1,200
1851	Ripon College†	Ripon, Wis.....	Non-Sect	Rev. Rufus C. Flagg, D D....	16	163	10,000
1853	Roanoke College.....	Salem, Va.	Lutheran.	J. D. Dreher, A.M., Ph D....	11	180	22,000
1856	Rock Hill College.....	Ellicott City, Md	R. Catholic	Rev. Brother Abraham	20	156	6,000
1863	Roger Williams U. †§.	Nashville, Tenn	Baptist . .	Rev P. B. Guernsey, A. M.	14	220	5,000
1885	Rollins College†.....	Winter Park, Fla	Non-Sect ..	Rev. G. M. Ward, A.M., LL.B.	20	200	5 000
1883	Rose Polytechnic Inst	Terre Haute, Ind	Non-Sect ..	C Leo Mees, Ph.D.....	20	120	10,000
1766	Rutgers College	N Brunswick, N. J	Dutch Ref d	Austin Scott, Ph.D., LL.D	28	485	40,000
1853	Rutherford Col. † (*e*)	Ruth' f d Col , N C	Non-Sect.	*See note "e," on page* 311...	..		...
1871	San Fran Theol. Sem	San Anselmo. Cal	Presbyter'n	*See note "k," on page* 311 ...	7	33	19,000
1866	Scio College†..... .	Scio, O.....	Meth. Epis	J. H. Beal, Sc. D., Ph. B.....	17	406	5,000
1870	Scotia Seminary†§ ...	Concord. N C	Presbyter'n	Rev. D J. Satterfield, D. D.	18	291	1,800
1856	Seton Hall College....	South Orange. N J	R. Catholic.	Rev. John A. Stafford, S.T.L.	15	160	40,000
1865	Shaw University†§...	Raleigh, N C.....	Baptist	Charles F. Meserve, LL. D..	24	373	1,500
1827	Shurtleff College†....	Upper Alton, Ill	Baptist . .	Rev. A A Kendrick (Act. Pr.)	12	200	10,000
1867	Simpson College† .	Indianola, Iowa	Meth Epis	Charles E. Shelton, A.M...	18	432	3,200
1871	Smith College† .. .	N hampton, Mass	Non-Sect. .	L. Clark Seelye, D. D., LL. D.	66	1,122	7,000
1801	South Carolina Coll. †	Columbia, S. C .	Non-Sect	F. C. Woodward, Litt. D..	12	185	32,000
1883	South Dakota U †(*g*)	Mitchell, S. Dak	Meth Epis.	Rev. W. I Graham, D.D....	12	264	2,000
1859	S'th' n Bap. Theo S.(*q*)	Louisville, Ky .	Baptist ..	Wm. H. Whitsitt, D.D , LL.D.	11	280	25,000
1856	Southern University†	Greensboro , Ala	Meth. Ep. S.	Rev S. M. Hosmer D. D....	9	154	9 000
1849	So Kentucky Coll. †(*q*)	Hopkinsville. Ky	Christian..	Saml. S. Woolwine.....	8	196	600
1847	Southwe n Bap Un.† .	Jackson, Tenn...	Baptist	G M. Savage, A M., LL. D.	21	272	.....
1875	Southwe n Pres. Univ	Clarksville, Tenn	Presbyter n	George Summey, D. D.....	13	140	8,000
1873	Southwestern Univ. †.	Georgetown, Tex	Meth. Ep S	Robert S. Hyer, A. M.....	22	426	3,000
1886	Southwest Kansas C.†	Winfield, Kan .	Meth. Epis	Wm H Rose. A. M., D.D..	18	335	2,000
1830	Spring Hill College .	Spring Hill, Ala..	R. Catholic	Very Rev Wm. Tyrrell, S.J.	26	140	50,000
1847	State Univ of Iowa†.	Iowa City, Iowa	Non-Sect	George E. MacLean, LL.D..	102	1,551	30,000
1879	State Univ of Ky. †§.	Louisville, Ky .	Baptist. ..	Rev Chas. L Purce, D.D .	20	195	500
1858	St Benedict's College.	Atchison, Kan	R. Catholic	Rt. Rev. I. Wolf, D.D.....	29	130	14,000
1848	St. Charles College....	Ellicott City, Md..	R. Catholic	Rev. C. B. Schrantz, S.S. A.M	18	240	13,400
1888	St Edward's College.	Austin, Tex.....	R. Catholic.	Rev. John T. Boland. C.S.C.	15	150	10,000
1847	St. Francis Xavier C.	Manh'n Boro. N Y.	R. Catholic	Rev. T. E. Murphy, S.J.....	31	736	50,000
1871	Stevens Inst. of Tech	Hoboken, N. J ..	Non-Sect	Henry Morton, Ph.D., LL. D.	21	229	9,800
1789	St. John s College ..	Annapolis, Md ..	Non-Sect..	Thomas Fell, Ph.D., LL.D..	13	149	9,000
1865	St. John's College.	Washington, D.C.	R. Catholic.	Rev. Bro. Obdas, F.S.C	14	160	4,000
1841	St. John's College...	Fordham, N. Y. C.	R. Catholic	Rev. T J. Campbell, S. J....	29	222	37,000
1857	St. John's University.	Collegeville, Minn.	R. Catholic	Rt. Rev. Peter Engel, Ph.D.	23	239	11,000
1856	St. Lawrence Univ. †	Canton, N Y.....	Universalist	Rev. Almon Gunnison, D.D.	13	140	12,953
1829	St. Louis University	St. Louis, Mo. .	R. Catholic	Rev J F X. Hoeffer, S. J..	27	463	40,000
1869	St. Mary's College. ..	St. Mary's, Kan.	R. Catholic	Rev James McCabe, S.J...	30	270	9,000
1821	St. Mary's College ..	St. Mary's, Ky..	R. Catholic.	Rev. John Fehrenbach, D.D.	10	90	4,000
1874	St. Olaf College† (*q*)...	Northfield, Minn	Lutheran .	Rev Th. N. Mohn.....	12	25	2,500
1889	St. Paul's College† .	St Paul Park, Min.	Meth. Epis	Rev C W. Hertzler A. M .	6	89	1,200
1860	St. Stephen's College	Annandale, N Y	Prot. Epis	Rev. Lawrence T. Cole, Ph.D	8	51	16,768
1865	St. Vincent's College	Los Angeles, Cal	R. Catholic.	Rev J. A Linn. C.M	15	100	3,000
1889	Swarthmore College†	Swarthmore, Pa	Friends. ..	Wm W. Birdsall, A. M.....	23	207	18,700
1871	Syracuse University†	Syracuse, N Y....	Meth Epis.	Rev. J. R. Day, S.T D., LL.D	130	1,250	47,000
1866	Tabor College†..... .	Tabor, Iowa	Congregat l	Rev Rich'd C. Hughes. A. M.	15	186	8,277
1867	Talladega College† (*c*)	Talladega, Ala . .	Congregat l	G W. Andrews (Act. Pres.)	22	572	6,000
1883	Tarkio College† ..	Tarkio, Mo	Un Presb...	Rev J. A Thompson, D.D.	14	251	1,094
1847	Taylor University†	Upland, Ind	Meth. Epis	Rev. T. C Reade A.M., D.D.	23	475	3,000
1889	Teachers' College†¶	Manh n Boro, N Y	Non-Sect.	Seth Low LL D..	78	2,042	12,200
1870	Thiel College† ..	Greenville, Pa...	Lutheran .	Theophilus B Roth, D D....	10	136	8,000
1891	Throop Poly. Inst †	Pasadena, Cal	Non-Sect	Walter A. Edwards, A M. .	21	300	1,700
1854	Trinity College†.... .	Durham, N C	Meth. Ep S.	John C. Kilgo, D. D., A. M..	25	223	13,000
1823	Trinity College	Hartford, Ct.....	Prot. Epis	Geo. W Smith, D.D., LL.D	20	135	40,000
1869	Trinity University† (*q*)	Tehuacana, Tex	Cumb. Pres.	L. A. Johnson (Chm. of Fac.)	1,	245	3 000
1855	Tufts College†	Tufts Coll. Mass.	Universalist	Elmer Hewitt Capen, D.D.	125	650	43,000
1834	Tulane University† (*n*)	New Orleans, La .	Non-Sect .	W. O. Rogers, LL.D. (Act. Pr.)	77	970	25,000

Organized.	Colleges—Table One For explanation of signs, see page 311.	Location	Denominational Control.	President or Chairman of Faculty.	Instructors.*	Students*	Volumes in Library
1859	Union Christ'n Coll. †	Merom, Ind.	Christian	Rev. L. J. Aldrich, A.M., D.D.	13	210	2,900
1886	Union College†	Barbourville, Ky	Meth. Epis.	James P. Faulkner, A.M.	7	120	1,051
1891	Union College†	College View, Neb.	Non-Sect.	Wm. T. Bland	27	425	3,000
1795	Union College	Schenectady, N.Y.	Non-Sect.	Rev. A. V. V. Raymond, D.D	21	186	32,608
1836	Union Theol. Sem. †	Manh'n Boro, N.Y.	Independ't.	Rev. Chas. Cuthbert Hall	14	119	75,000
1831	Univ of Alabama†	Tuscaloosa, Ala. ‡‡	Non-Sect.	James K. Powers, LL. D.	38	359	25,000
1891	Univ of Arizona†	Tucson, Ariz.	Non-Sect.	Millard M. Parker, A.M	19	150	4,000
1873	Univ. of Arkansas†	Fay'teville, Ark. (g)	Non-Sect.	J. L. Buchanan, A. M., LL.D.	65	882	10,000
1868	Univ. of California†	Berkeley, Cal.	Non-Sect	Benj. Ide Wheeler, LL.D.	301	2,525	79,124
1890	Univ. of Chicago†	Chicago, Ill.	Non-Sect.	Wm. R. Harper, Ph.D., D.D	235	2,959	340,000
1819	Univ. of Cincinnati†	Cincinnati, O.	Non-Sect.	Howard Ayers, LL.D.	90	(2)487	20,000
1877	Univ of Colorado†	Boulder, Col.	Non-Sect.	Jas. H. Baker, M. A., LL.D.	90	775	21,107
1864	Univ of Denver†	Denver, Col.	Meth. Epis.	Wm. F. McDowell, S.T.D.	105	607	11,000
1785	Univ. of Georgia §§	Athens, Ga. §§	Non-Sect.	Walter B. Hill, A. M., Chan	§§24	§§268	30,000
1889	Univ. of Idaho†	Moscow, Idaho	Non-Sect.	Jos. P. Blanton, A.M., LL.D	23	300	4,000
1868	Univ of Illinois†	Urbana, Ill. (p)	Non-Sect.	Andrew S. Draper, LL.D.	252	2,250	50,000
1866	Univ. of Kansas†	Lawrence, Kan.	Non-Sect.	F. H. Snow, Ph.D. LL.D.	76	1,087	31,000
1865	Univ. of Maine†	Orono, Me.	Non-Sect.	Abram W. Harris, Sc. D.	50	355	15,233
1837	Univ. of Michigan†	Ann Arbor, Mich.	Non-Sect.	James B. Angell, LL.D.	197	3,192	133,206
1869	Univ. of Minnesota†	Minneapolis, Minn	Non-Sect.	Cyrus Northrop, LL.D.	245	3,200	62,000
1848	Univ. of Missis'pi (q)	University, Miss.	Non-Sect.	Robert B. Fulton, LL.D.	19	274	15,000
1840	Univ. of Missouri†	Columbia, Mo. (u.)	Non-Sect.	Richard Henry Jesse, LL.D.	70	1,088	30,000
1895	Univ. of Montana†	Missoula, Mont.	Non-Sect.	Oscar J. Craig, A.M., Ph.D.	13	206	4,000
1785	Univ. of Nashville† (q)	Nashville, Tenn	Non-Sect.	W. H. Payne, LL.D., Ph.D	78	1,420	12,000
1869	Univ. of Nebraska†	Lincoln, Neb.	Non-Sect.	C. E. Bessey, LL.D. (Act Chan	229	1,946	41,000
1889	Univ. of N. Mexico†	Albuquerque, N.M	Non-Sect.	C. L. Herrick, Ph. D.	16	150	4,500
1795	Univ. of N. Carolina†	Chapel Hill, N. C.	Non-Sect.	Edwin A. Alderman, D.C.L.	47	623	35,000
1884	Univ. of N. Dakota†	Grand Forks, N. Dk.	Non-Sect.	Webster Merrifield, M.A.	38	306	6,500
1842	Univ. of Notre Dame	Notre Dame, Ind.	R. Catholic.	Rev. A. Morrissey, C. S. C.	66	682	50,000
1892	Univ. of Oklahoma†	Norman, Okla	Non-Sect.	David R. Boyd, A. M.	15	336	6,000
1879	Univ. of Omaha†	Omaha, Neb. (l)	Presbyter'n	David R. Kerr, D.D., Ph.D	75	300	5,000
1872	Univ. of Oregon†	Eugene, Ore.	Non-Sect.	Frank Strong, A. M. Ph. D.	40	265	8,000
1852	Univ of the Pacific†	San José, Cal.	Meth. Epis.	Eli McClish, A. M., D. D.	18	254	4,000
1740	Univ of Pennsyl'nia†	Philadelphia, Pa.	Non-Sect.	C. C. Harrison, LL.D. (Prov.)	234	2,641	150,000
1850	Univ. of Rochester	Rochester, N. Y.	Baptist	H. F. Burton (Act. Pres.)	16	213	35,300
1880	Univ of S. California†	Los Angeles, Cal	Meth. Epis.	.....	60	300	2,000
1882	Univ of S. Dakota†	Vermillion, S. Dak	Non-Sect	Garrett Droppers, A. B	22	345	5,000
1868	Univ. of the South	Sewanee, Tenn.	Prot. Epis.	B. L. Wiggins, M.A., LL.D.	59	516	42,000
1794	Univ. of Tennessee† (c)	Knoxville, Tenn	Non-Sect.	C. W. Dabney, Ph.D., LL.D.	54	664	13,000
1883	Univ. of Texas†	Austin, Tex. (s).	Non-Sect.	Wm. L. Prather (Act. Pres)	83	800	35,000
1850	Univ. of Utah†	Salt Lake City, U.	Non-Sect.	Jos. T. Kingsbury, Ph.D.	24	590	16,000
1791	Univ. of Vermont†	Burlington, Vt.	Non-Sect.	Mat. H. Buckham, D.D.	61	550	55,000
1825	Univ. of Virginia	Charlottesville, Va	Non-Sect.	P. B. Barringer, M.D. (Ch. Fc)	47	643	47,728
1862	Univ. of Washington†	Seattle, Wash.	Non-Sect.	E. P. Graves, Ph.D., LL.D	31	450	13,500
1848	Univ. of Wisconsin†	Madison, Wis.	Non-Sect.	Charles K. Adams, LL.D.	125	1,928	55,000
1808	Univ of Wooster†	Wooster, O.	Presbyter'n	Rev. Louis E. Holden	23	450	19,000
1887	Univ of Wyoming†	Laramie, Wyo.	Non-Sect.	Rev. Elmer E. Smiley A. B	15	142	8,000
1857	Upper Iowa Univ. †	Fayette, Iowa	Meth. Epis.	Rev Guy P. Benton, A. M.	23	393	5,000
1850	Urbana University†	Urbana, O.	Swedenbo'n	John H. Williams, B. S.	8	36	5,000
1869	Ursinus College†	Collegeville, Pa.	German Ref	Rev. H. T. Spangler, D. D	25	189	7,500
1802	U. S. Military Acad	West Point, N. Y.	Non-Sect.	Col. A. L. Mills, U.S. A. Supt.	55	356	43,000
1845	U. S. Naval Academy	Annapolis, Md.	Non-Sect.	F. V. McNair, R.A., U.S.N	66	265	38,615
1872	Vanderbilt Univ. †	Nashville, Tenn	Meth. Ep. S.	J. H. Kirkland, LL.D., Ph.D	90	766	18,000
1892	Vashon College† (q)	Burton, Wash.	Non-Sect.	A. C. Jones, Ph.D.	13	127	1,128
1861	Vassar College†	Poughkeepsie, N.Y	Non-Sect.	Jas. M. Taylor, D.D., LL.D.	62	655	31,200
1842	Villanova College	Villanova, Pa.	R. Catholic.	Rev. L. A. Delurey, A.M.	17	157	7,000
1890	Vincennes Univ. †	Vincennes, Ind.	Non-Sect	Albert H. Yoder, A. B.	15	200	5,000
1839	Virginia Mil. Inst	Lexington, Va.	Non-Sect.	Scott Shipp, LL.D., Litt.D.	18	257	11,500
1872	Virginia Poly. Inst.	Blacksburg, Va.	Non-Sect.	J. M. McBryde, Ph.D., LL.D.	34	303	3,000
1832	Wabash College	Crawf'rdsville, Ind	Non-Sect.	Rev. Wm. P. Kane, D. D.	18	200	26,000
1834	Wake Forest College	Wake Forest, N. C.	Baptist	C. E. Taylor, D.D., LL.D.	14	273	11,500
1865	Washburn College	Topeka, Kan.	Congregat'l.	George M. Herrick Litt. D.	17	270	8,000
1902	Wash. & Jefferson Coll.	Washington, Pa.	Non-Sect (i)	Rev. Jas. D. Moffat, D. D	16	350	14,000
1749	Wash. & Lee Univ.	Lexington, Va.	Non-Sect.	William L. Wilson, LL. D.	25	200	40,000
1782	Washington Coll. † (q)	Chestertown, Md.	Non-Sect.	C. W. Reid, Ph. D.	8	110	2,500
1795	Washington College†	Wash'n Col., Tenn	Non-Sect (i)	Rev. Jas. T. Cooter, M. A	9	150	2,300
1853	Washington Univ. †	St. Louis, Mo.	Non-Sect.	W. S. Chaplin, LL.D., Chan.	183	1,846	5,000
1875	Wellesley College†	Wellesley, Mass.	Non-Sect.	Caroline Hazard, M. A.	78	685	49,000
1882	Wells College†	Aurora, N. Y.	Non-Sect.	W. E. Waters, B.A., Ph. D.	21	104	7,500
1831	Wesleyan Univ. †	Middletown, Ct.	Meth. Epis.	B. P. Raymond, D.D., LL.D.	33	335	55,000
1855	Western College†	Toledo, Iowa	U. Brethren	L. Bookwalter, A.M., D.D	13	135	3,000
1867	West. Maryland Col. †	Westminster, Md.	Meth. Prot	Rev. T. H. Lewis, D.D., A.M.	20	278	5,000
1826	West. Reserve Univ. (o)	Cleveland, O.	Non-Sect.	Charles F. Thwing, D. D.	147	800	52,000
1787	West. Un. of Penn. †	Pittsburgh, Pa. (m)	Non-Sect.	W. J. Holland, Ph.D., D. D	102	778	20,000
1866	Westfield College†	Westfield, Ill.	U. Brethren	William S. Reese, Ph. M.	15	170	3,000
1853	Westminster College	Fulton, Mo.	Presbyter'n	John H. MacCracken, Ph.D	8	99	4,000
1852	Westminster Coll. †	N. Wilmington, Pa	Unit. Presb	Rev. R. G. Ferguson, D. D.	12	278	5,000
1867	W. Virginia Univ †	Morgant'n, W. Va	Non-Sect.	Jerome H. Raymond, Ph. D.	63	1,000	14,000
1860	Wheaton College†	Wheaton, Ill.	Congregat'l.	Charles A. Blanchard, D. D.	18	300	3,000
1859	Whitman College†	Walla Walla, Wn	Congregat'l.	Rev. S. B. L. Penrose, A. B	18	215	7,000
1856	Wilberforce Univ. † §	Wilberforce, O.	Meth. Epis	S. T. Mitchell, A. M., LL. D	20	263	5,000
1873	Wiley University † §	Marshall Tex.	Meth Epis	Rev. M. W. Dogan, A. M.	11	468	3,200

Organized.	Colleges—Table One. For explanation of signs, see page 311.	Location.	Denominational Control.	President or Chairman of Faculty.	Instructors.*	Students.*	Volumes in Library
1844	Willamette Univ. †	Salem, Ore.	Meth Epis	Willis C. Hawley, A. M	49	393	4,575
1693	William & Mary Col.	Williamsburg, Va	Non Sect.	Lyon G Tyler M A , LL. D	14	194	14 000
1849	William Jewell Col	Liberty Mo.	Baptist	John P Greene, D D , LL D.	23	330	12,000
1793	Williams College	Williamst'n Mass	Non Sect	Franklin Carter, Ph D., LL D	31	385	42,850
1870	Wilmington College†	Wilmington, O.	Friends	James B Unthank, M. Sc.	8	150	2 500
1870	Wilson College†	Chambersburg, Pa	Presbyter'n	Rev. S A. Martin, D D.	30	306	6,000
1845	Wittenberg College†	Springfield, O	Lutheran	.....	...	..	....
1854	Wofford College†	Spartanburg, S. C.	Meth Ep S.	James H. Carlisle, LL D	10	171	8 000
1865	Worcester Poly Inst	Worcester, Mass.	Non-Sect.	T C. Mendenhall, Ph.D., LLD	31	252	5 500
1701	Yale University (*v*)	New Haven, Ct.	Congregat'l.	Arthur T Hadley, LL. D.	275	2,700	800,000
1882	Yankton College†	Yankton, S. Dak	Congregat l	Rev. Henry K Warren, M.A	14	251	6 700
1890	York College†	York, Neb.	U Brethren	Wm. E Schell A.M.	11	253	1 000

TABLE TWO—COMMENCEMENT DAYS, GRADUATES, ETC.

Colleges. For explanation of signs, see page 311.	Commencement Day, 1900.	Graduates since Organization.*	Alumni Living.*	Earliest Graduate Living.	Graduated.	Present Address.
Add-Ran Christ. U. †	June 5	200	150	.....	....	.....
Adelphi College†	June 8.	25	25	Rudolph Seldner	1897	Brooklyn, N. Y.
Adrian College†	June 21.	453	....	.....	....	.....
Alabama Poly. Inst.†	June 13	522	....	L. V. Rosser	1872	Carrollton, Ala.
Albion College†	June 17.	885	....	.....	....	.....
Alfred University†	June 21.	751	..	Harriet N. M. Greene	1844	Alfred Station, N. Y.
Allegheny College†	June 28.	1,170	956	William Reynolds	1837	Meadville, Pa.
Alma College†	June 28.	213	212	.....	....	.....
Am. Temperance Un.	May 23.	152	150	Gus. Neblett	1894	Chattanooga, Tenn.
Amherst College	June 27	4,000	3,000	Rev. Elias Riggs	1829	Constantinople, T'k'y
Andover Theo Sem	June 14.	2,116	....	Prof E. A Park, D.D., LL.D	1831	Andover, Mass.
Antioch College†	June 20.	220	192	J B Weston, D. D.	1857	Stanfordville, N. Y.
Arkansas College†	June 13	129	119	Class of 76 8 graduates living	by	last report.
Armour Inst. Tech.†	June 20.	68	....	.....	....	.....
Atlanta University†	May 31.	354	312	Class of '76, several graduates	liv	ing by last report
Auburn Theol. Sem.	May 10.	1,500	900	Rev. I. Brayton, D. D. LL.D.	1836	Poughkeepsie, N. Y.
Augsburg Seminary.	May 4.	274	..	Rev. N. C. Brun	1870	Lake Mills, Iowa.
Augustana College†.	May 31.	881	842	Andrew Jackson	1861	Rush Point, Minn.
Baker University†.	June 7	400	. ..	*See note "m," on page* 311.		
Baldwin University†	June 14.	(*x*) 465	415	Rosanna Walker	1851	Needham Mass.
Barnard College	June 13.	104	101	.....	....	.....
Bates College†	June 28.	994	843	J H Rand	1867	Lewiston. Me.
Baylor University†.	June 13.	525	466	Stephen D. Rowe	1854	Galveston, Tex.
Beloit College†	June 20.	605	528	Rev Joseph Collie, D D.	1851	Williams Bay. Wis.
Berea College†	June 6.	100	90	George L. Pigg	1873	Anadarko, Ind. Ter.
Bethany Coll. †(Kan.)	May 31.	200	200	Rev. Eric Glad	1891	Kansas City, Kan.
Bethel Coll. (Ky)	June 14	236	200	Rev C P. Shields, A. M.	1857	Russellville, Ky.
Bethel Coll. † (Tenn.)	June 21.	256	....	W. P Hart	1851	.....
Biddle University§.	June 6	457	....	D. W. Culp, D D., M D.	1876	Palatka, Fla.
Boston University†.	June 6	4,162	....	Rev. John B. Foote, D D	1850	Sodus, N Y.
Bowdoin College	June 28.	4,676	2,712	J. W. Bradbury, LL D	1825	Augusta, Me.
Brigham Young Col†	June 15.	....	....	.....	....	.....
Brown University†	June 20.	5,114	2,571	Rev. E. A. Park, D. D , LL. D	1826	Andover, Mass.
Bryn Mawr Coll. ‡	June 7.	331	326	.....	....	.....
Buchtel College†	June 20.	261	244	*See note ",," on page* 311.		
Bucknell Univ. †	June 20.	....	....	.....	....	.....
Burritt College†.	May 18.	155	140	Mrs M. M Hill	1853	Chattanooga, Tenn.
Carleton College†	June 13.	353	311	James J. Dow	1874	Faribault, Minn.
Carson & Newman†	June 1.	206	170	N J. Langford, M. D.	1857	Mossy Creek, Tenn.
Carthage College†	May 31.	179	160	Rev. J. M. Cromer	1875	Kansas City. Mo.
Case Sc. Ap'l. Science	June 7.	197	....	.....	....	.....
Catawba College†	May 17.	22	22	*See note "i." on page* 311.		
Catholic Un. Am. (*c*)	June 6.	150	....	.....	....	.....
Central Penna. Col.†.	June 14.	....	155	Miss Kate Swineford	1859	Philadelphia, Pa.
Central Tenn. Col.†(*d*	May 31.	733	670	George Bryant	1870	Nashville, Tenn.
Central Univ. † (Ia.).	June 20.	502	...	H. F. Bousquet	1860	Pella, Iowa.
Cen. Wesleyan Coll. †	June 14.	250	....	Prof. J. H. Frick, A. B., A. M.	1868	Warrenton, Mo.
Centre Coll. of Ky.	June 13	1,239	....	David I. Caldwell	1832	Richmond, Mo.
Chaddock College	June 7	500	200	.....	....	.....
Charles City College†	June 14.	95	....	.....	....	.....
Christian Univ.†	June 7.	227	204	John Shanks	1857	Bunker Hill, Mo.
Claflin University†.	May 17.	500	....	Wm. L. Bulkley, A. M., Ph. D.	1882	Brooklyn, N. Y
Clemson Agr. Coll.	June 7-10	78	78	L. A. Sease	1896	Lewiedale, S. C.
Coe College†	June 6.	98	98	S. W. Stookey; Mrs. C. McKee.	1884	Marion, Ia. :S DiegoCal
Colby College†	June 27.	1,254	792	Albert W. Paine	1862	Bangor, Me
Colgate University	June 21	2,000	1,545	Philetus B. Spear, D D.	1839	Hamilton, N. Y.
College of Charleston	June 26.	448	215	Henry L Pinckney	1840	Sumter County, S. C.
College City of N. Y.	June 24.	2,075	....	George W. Birdsall	1853	New York City, N. Y.
Colorado College†	June 13.	75	....	F. W Tuckerman	....	Washington, D. C.
Columbia University.	June 13.	16,483	....	John Fletcher Smith	1825	.....
Columbian Univ.	May 30.	3,875	2,700	Fred'k Perry Stanton	1833	Stanton, Fla
Concordia College	June 27.	754	....	J. A F W. Mueller	1844	Chester, Ill.

COLLEGES—TABLE TWO. For explanation of signs, see page 311.	Commencement Day, 1900.	Graduates since Organization.*	Alumni Living.*	Earliest Graduate Living.	Graduated.	Present Address.
Cornell College†	June 14	794	743	Matthew Cavanaugh	1858	Iowa City, Iowa.
Cornell University†	June 21	5,167	....			
Cotner University†	June 6	(x) 43	43	Ellen B. Atwater	1893	Bethany, Neb.
Cumberland Univ.	June 7	2,638	....	Nathan Green	1845	Lebanon, Tenn.
Dartmouth College	June 27	8,068	3,200	Mark W. Fletcher	1825	Wayne, Ill.
Davidson College	May 30	803	460	H. H. Kimmons, M. D.	1840	Oxford, Miss.
Defiance College†	June 8	150	150			
Delaware College	June 20	352	....			
Denison University	June 14	510	413			
De Pauw Univ. †	June 13	2,110	1,498	Rev. T. A. Goodwin, D. D.	1840	Indianapolis, Ind.
Des Moines Coll. †	June 20	111	108	James M. Miller	1875	Seattle, Wash.
Dickinson College†	June 6	3,888	....	Thos. Bowman, D. D., LL.D	1837	St. Louis, Mo.
Doane College†	June 14	154	149			
Drake University†	June 14	1,000	....			
Drew Theolog. Sem.	Apr. 26	930	750			
Earlham College†	June 13	482	435	Luzena Thornburg	1862	Carthage, Ind.
Elon College†	June 8	57	57	Rev. C. C. Peele	1890	Asheboro, N. C.
Emory and H'y Col.	June 12	600	....	William N. Harmon	1843	Hollybrook, Va.
Emory College	June 13	1,219	....	Francis A. Hill	1842	Americus, Ga.
Emporia College †	June 6	90	....			
Erskine College†	June 19	740	....	Rev. J. O. Lindsay	1843	Due West, S. C.
Eureka College†	June 14	....	....	Elijah W. Dickinson	1860	Eureka, Ill.
Fairmount College	June 6	8	8	All graduated in 1899.		
Fargo College†	June 13	4	4	*See note "o," on page* 311.		
Findlay College†	June 16	54	53	Rev. John P. Shelley	1889	Warren, Pa.
Fisk University† (d)	June 13	406	378	James D. Burrus, M. A.	1875	Nashville, Tenn.
Fort Worth Univ.†	May 24	....	....			
Franklin & Marshall	June 14	1,121	881	E. V. Gerhart, D. D., LL. D	1838	Lancaster, Pa.
Franklin Col † (Ind.)	June 14	285	237	Timothy H. Ball	1850	Crown Point, Ind.
Franklin Col.† (Ohio)	June 27	500	300	J. M. Kuhn, M. D.	1836	Omaha, Neb.
Furman University†	June 10-14	300	....			
Gale College†	June 5-8	1,000	790			
General Theol. Sem.	May 30	1,441	944	Rev. Samuel Cooke, D.D.	1838	Stamford, Ct.
Geneva College†	May 31	....	....	J. S. T. Milligan	1852	Allegheny City, Pa.
Georgetown College†	June 13	568	465	W. R. Burch	1843	Yates, Mo.
Georgetown Univ.	May 14 ¶	3,165	....	John T. Doyle	1838	Menlo Park, Cal.
Girard College	None.	4,554	....	Theo. DeBow	1855	Philadelphia, Pa.
Grant University†	Apr. 24 (p)	646	...	Rev. John J. Manker, D. D.	1871	Chattanooga, Tenn.
Greensboro College‡	May 30	685	....			
Greer College†	July 27	123	120	Adam Pickett	1892	Dexter, Iowa.
Grove City College†	June 20	640	618	Samuel Dodds, Ph. D.	1881	Grove City, Pa.
Guilford College†	May 22	90	87	Robert C. Root	1889	Ontario, Cal.
Gustavus Adolphus†	May 23	265	265	Rev. L. P. Lundgren	1890	Halleck, Minn.
Hamilton College	June 28	2,302	1,474	Dr. Samuel P. Bishop	1826	Cincinnati, Ohio.
Hamline Univ † (x)	June 7	250	200			
Hampden-Sidney C	June 13	....	....	*See note "u," on page* 311.		
Hampton Inst. † (f)	.....	1,021	832	Class of '71, 12 graduates living	by	last report.
Hanover College†	June 6	838	592	Rev. Thomas W. Hynes, D. D.	1836	Greenville, Ill.
Hartford Theol. Sem†	May 30	470	....	Rev. A. C. Thompson, D. D.	1838	Boston, Mass.
Harvard University	June 27	22,781	12,777	Samuel Ward Chandler	1822	Philadelphia, Pa.
Haverford College	June 15	677	580	Thomas P. Coke	1839	Germantown, Pa.
Heidelberg Univ. †	June 21	493	401	Rev. Geo. Z. Mechling, A. M.	1854	Hamilton, Ohio.
Hendrix College†	June 20	61	60			
Henry College†	May 30	32	31	J. A. Adams	1894	Celeste, Tex.
Highland Univ.†	June 7	72	....			
Hillsdale College†	June 21	950	830	Mrs. Eliza Scott Potter	1856	Grinnell, Iowa.
Hiram College†	June 21	375	360	*See note "l," on page* 311.		
Hiwassee College†	May 22	232	....	Judge D. M. Key	1850	Chattanooga, Tenn.
Hobart College	June 20	1,415	950	Sam. Percy McDonald, M. A.	1829	Mansfield, Ohio.
Holy Cross College	June 21	719	...	Rt. Rev. J. A. Healy, Bishop	1849	Portland, Me.
Hope College†	June 20	....	....	Rev. A. Bursma	1866	Grand Rapids, Mich.
Howard College†	June 6	386	334	G. D. Johnston	1849	Washington, D. C.
Howard Payne Col. †	May 30	14	14	J. D. Robnett	1895	Washington, D. C.
Howard University†	June 1	1,654	1,210	D. B. Nichols, D. D.	1871	Mission Hill, S. Dak.
Illinois College	June 14	682	....	Rev. Charles B. Barton	1836	Jacksonville, Ill.
Indiana University †	June 20	2,146	1,465	Andrew Wylie	1832	Washington, D. C.
Iowa College†	June 13	779	730	Rev. John H. Windsor	1854	La Grange, Ill.
Iowa State College†	June 13	1,000	953	E. W. Stanton, M. A.	1872	Ames, Iowa.
Iowa Wesley. Univ †	June 14	547	....	W. S. Mayne	1856	Council Bluffs, Iowa.
John B. Stetson U †	May 22	117	115	Harlan P. De Land	1886	Fairport, N. Y.
Johns Hopkins Un (g)	June 12	1,087	1,052			
Kalamazoo College†	June 20	259	....			
Kansas Wesl. Univ †	June 14	200	...	Rev. H M Mayo	1887	Rocky Ford, Col.
Kent'y Wesl n Col. †	May 31	154	142	Ben. D Best, B. S.	1868	Covington, Ky.
Kenyon College	June 27	709	400	Rev James C. Wheat, D. D.	1831	Lynnwood, Va.
King College	June 7	200	93	Rev. J. C. Cowan	1870	Morristown, Tenn.
Knox College†	June —	1,272	....	Class of 46, 3 graduates living	by	last report.
LaFayette Coll (Ala)	May 30	50	35			
Lafayette Coll. (Pa.)	June 20	1,759	1,453	Geo W. Kidd, A. M.	1836	Houston, Tex.
La Grange College†	May 31	222	195	Rev. E. H Sawyer	1870	St. Louis, Mo.
Lake Forest Univ. †	June 13	...	....	Rev B. Fay Mills	1879	Providence, R. I.
Lane Theol. Sem.	May 3	1,020	645	Rev. Huntington Lyman	1836	Cortland, N. Y.
Lawrence Univ. †	June 21	527	....	Henry Coleman, D. D.	1857	Milwaukee, Wis.

COLLEGES—TABLE TWO. For explanation of signs, see page 311.	Commencement Day, 1900.	Graduates since Organization.*	Alumni Living.*	Earliest Graduate Living.	Graduated.	Present Address.
Lebanon Valley Col.†	June 14...	284	260	Albert C. Rigler.....	1870	Annville, Pa.
Lehigh University...	June 20...	1,074	1,023	Miles Rock, C. E.....	1869	Guatemala City, C. A.
Leland Stanford, Jr.†	May 30...	952	....	.....	....	.....
Lenoir College†	May 17...	.....	34	Rev. R. L. Fritz.....	1892	Charlotte, N. C.
Lenox College†	June 14..	239	225	Ralph H. Kirke	1868	Cedar Rapids, Iowa.
Lima College†	June 13...	20	20	.....	....	.....
Lincoln Univ.†(Ill.).	June 14...	286	251	A. J. Wallace, M.D.....	1863	Decatur, Ill.
Livingstone Coll.†§..	Apr. 25...	139	183	John A. D. Bloice, A.M., D.D..	1887	Philadelphia, Pa.
Lombard College†...	June 7...	360	317	Wm. R. Cole, A.M.....	1856	Mount Pleasant, Iowa.
Louisiana State Univ	June 27...	207	180	Tilman L. Grimes.	1869	Poland, La.
Macalester College†.	June 6...	88	77	J. K. Hall.....	1890	Clarence, Iowa.
Manhattan College..	June 21...	904	812	Rev. J. P. McClancy.....	1866	Middletown, N. Y.
Marietta College†...	June 13...	799	603	Dr. John T. Cotton.....	1858	Charleston, W. Va.
Maryville College† .	May 31...	500	....	Jesse Wallace.....	1842	Franklin, Tenn.
Mass. Ag. College†.	June 20...	523	501	.....	....	.....
Mass. Inst. Tech. †..	June 5. .	2,124	2,044	.....	....	.....
McKendree College†.	June 14...	820	....	H. H. Horner; Johns'n Pierson	1841	Lebanon Ill; Burl't'n Ia
McMinnville Col.†	June 12...	105	....	John H. Smith	1884	Astoria, Ore.
Mercer University.	June 6...	850	650	B. F. Thorpe, D. D..	1841	Perry, Ga.
Miami University ..	June 21...	1,139	561	Rev. J. G. Montfort, D.D.....	1834	Cincinnati, Ohio.
Mich. Agric. Col.†...	June 15...	763	679	.....	....	.....
Middlebury College†.	July 3...	1,500	564	Dr. Wm. M. Bass.....	1832	Neponset, Mass.
Midland College†....	June 7...	59	58	Le Roy H. Kelsey, B. S.....	1891	St. Joseph, Mo.
Milligan College†....	June 13...	109	106	James H. Smith.....	1892	Butler, Tenn.
Mills College†	May 23...	520	492	Mrs. M. E. Carpenter Vincent.	1890	New York City, N. Y.
Millsaps College.....	June 12....	75	75	Alex. H. Shannon.....	1898	Nashville, Tenn.
Milton College†.....	June 27...	286	220	Nathan C. Twining.	1867	Riverside, Cal.
Miss. Agricul. Coll.†	June 20...	248	233	H. H. Harrington, Prof. Ch.	1883	College Station, Tex.
Mississippi College..	May 31...	230	....	Rev. A. C. Carpenter.....	1856	Louisville, Ky.
Missouri Valley Col.†	June 7...	239	....	Mrs. Mary Ann Orr, B. L....	1890	St. Louis, Mo.
Monmouth College†.	June —...	1,030	914	Mrs. M. Findley Thompson.	1858	Monmouth, Ill.
Moore's Hill College†	June 14...	264	234	Mrs. Jane Kahler.....	1858	San Fernando, Cal.
Morgan College†§...	May 31...	350	235	Rev. J. H. Griffin.....	1877	Washington, D. C.
Morris Brown Col.†.	June 1...	34	33	Laurin C. Simmons.....	1890	New York City, N. Y.
Morrisville College†.	June 6...	135	....	H. Carr Pritchett, A. M.....	1876	Austin, Tex.
Mt. Holyoke Coll.†..	June 20...	2,671	....	Mrs. Persis Woods Curtis....	1838	Rochester, N. Y.
Mt. St. Mary's Coll.	June 27...	563	....	Rev Wm. H. Elder, D.D.....	1837	Cincinnati, Ohio.
Mt. Union College†.	July 21...	2,286	....	*See note "n," on page 311.*		
Muhlenberg College.	June 21...	463	430	Wm. F. Muhlenberg, M.D..	1868	Reading, Pa.
Muskingum College†	June 21...	435	374	Rev. William Wilson, A. M.	1846	Leavenworth, Kan.
Neb. Wesleyan Univ†	June 6...	250	249	Mrs. May Bliss.....	1890	Saginaw, Mich.
Newberry College .	June 20...	197	189	Jas E. Houseal.....	1849	Cedartown, Ga.
New York Univer .	June 9...	15,325	....	Joseph A. Saxton.....	1836	New York City, N. Y.
Niagara University	June 19...	....	....	Rev. Edward W. McCarthy..	1867	Brooklyn, N. Y.
North Carolina Coll .	May 30...	63	55	Prof. H. J. T. Ludwig, Ph.D.	1871	Mt. Pleasant, N. C.
North. Illinois Col.†	June 6...	685	....	.....	....	.....
Northwestern Col.†	June 21...	446	419	B F. Dreisbach.....	1866	Circleville, Ohio.
Northw'n Un.† (Ill.)	June —...	5,719	. .	Samuel L. Eastman	1879	Algona, Iowa.
Northw'n Un.†(Wis.)	June —...	175	166	Prof. F. Pieper.....	1872	St. Louis, Mo.
Norwegian Luth. Col.	June 20...	325	294	R. B. Anderson	1896	Madison, Wis.
Oberlin College†.....	June 20. .	3,532	2,888	Rev. Huntington Lyman ...	1863	Cortland, N Y.
Ogden College..	June 14.	45	43	Loving W. Gaines	1881	Elkton, Ky.
Ohio State Univ.†....	June 13...	972	959	Arthur B. Townshend.....	1878	New York City, N.Y.
Ohio University†.....	June 22.	502	....	.....	....	.....
Ohio Wesleyan Un.†	June 20 ..	2,671	2,426	Rev W D Godman, D D..	1846	Winsted, La.
Olivet College†.....	June —...	500	450	Mrs. Cossar, Mrs. Griswold..	1863	Vermontville, Mich.
Ottawa University†.	June 6...	165	158	Alice Boomer, Jen. Sherman	1868	Grand I., Neb., India.
Otterbein Univ † ..	June 13.	550	425	Kate Winter Hanby	1857	Los Angeles, Cal.
Ouachita Bapt. Col.†	May 30. .	202	198	Rev. Frank P. Turner, A B..	1888	Harrisburg, Ill
Oxford College†....	June 7...	780	...	.....	....	.....
Pacific College†.....	June 13...	...	35	C. J. Edwards; A. C. Stanbro.	1893	Newberg, Ore.
Pacific University†	June —...	124	117	Harvey W. Scott	1863	Portland, Ore.
Park College†.....	June 28...	348	334	Rev W. T. Scott.....	1879	Cleone, Ore.
Penn College†.....	June 13.	203	197	Linda Ninde (Dorland)	1875	Los Angeles, Cal.
Pennsylvania Coll.†..	June 14....	1,075	843	Rev. W. F Eyster D.D.....	1839	Crete, Neb.
Penn. Military Col...	June 13...	346	314	Thos. H. Larkin	1867	St. Louis, Mo.
Penn. State Col.†....	June 13.	460	....	.....	....	.....
Philander Smith Col†	May 18...	61	59	Rufus C. Childress.....	1888	Little Rock, Ark.
Polytechnic College†	June 6...	48	48	Rev. C. L. Browning.	1894	Itasca, Tex.
Polytechnic Inst.....	June 12....	685	....	R. W. Raymond, Ph. D.....	1855	Brooklyn, N.Y.
Portland University†	June 7 ..	150	149	Wm L. Van Scoy, A. M.....	1892	Ashland, Ore.
Pratt Institute†.....	June 21...	1,345	....	.....	....	.....
Presby'n Col.†(S. C.)	June 5. .	54	51	Mrs. Rebecca Thompson.....	1888	Summerville, S. C.
Princet'n Theol. Sem	May 8..	(*k*)4,957	2,859	Rev J. C. Lowrie, D. D , LL.D.	1833	New York City, N. Y.
Princeton University	June 13...	3,816	....	*See note "v," on page 311.*		
Proseminar College..	June 22. .	800	700	Rev. J. H. Dinkmeyer	1872	Alhambra, Ill.
Purdue University†	June 6....	1,045	....	John Bradford Harper.....	1875	Durango, Col.
Racine College.....	June 14..	250	200	Sayres G. Knight, B. S	1854	Racine, Wis.
Radcliffe College†..	June 26...	278	278	*See note "s," on page 311.*		
Randolph-Macon C..	June 15...	2,600	...	Dr. Theo. S Stewart	1836	Marietta, Ga.
Red River Valley U.†	June 14....	29	29	James A. Kesler.....	1895	Edgeley, N. Dak.
Rensselaer Poly. Ins.	June 13...	1,280	893	Abel Storrs.	1831	Lebanon. N H.
Richmond Col. (Va.).	June 21..	....	....	Rev. P. S. Henson	1849	Chicago, Ill.

COLLEGES—TABLE TWO. For explanation of signs, see page 311.	Commencement Day, 1900.	Graduates since Organization.*	Alumni Living.*	Earliest Graduate Living.	Graduated.	Present Address.
Rio Grande College†	June 14	54	52	Rev. Thomas D. Davis, A.M.	1883	Tecumseh, Neb.
Ripon College†	June 20	231	215	Luthera H. Adams	1867	Omro, Wis.
Roanoke College	June 13	467	418	Thomas E. Kizer, A.M.	1855	Richmond, Va.
Rock Hill College	June 18 19	175	160	Thomas A. Whelan	1871	Baltimore, Md.
Rose Poly Institute	June 14	260	257	S. S Early and Ben. McKeen	1885	Terre Haute, Ind.
Rutgers College	June 20	1,939	1,155	John M. Brown	1830	Pluckemin, N. J.
Scotia Seminary ‡§	June 13	456	....		....	
Seton Hall College	June 13	....	....	John D. Kernan	1862	Utica, N. Y.
Shaw University†§	May 11	318	....	Cæsar Johnson, N.F. Roberts	1878	Raleigh, N. C.
Simpson College†	June 14	251	230	Louise Anderson Burke	1870	Newkirk, Okla. Ter
Smith College‡	June —.	1,679	.		....	
South Carolina Col. †	June 13	2,115	. .	Thomas M Lyles	1831	Blain, S.C.
Southern Univ †	June 13	..	300	J. V. Glass; B. M Huey	1860	Birmingham; Marion.
Southwest Kan. Col †	June 13	190	185	*See note "w," on page* 311.		
Southw n Bapt Un †	June 6	272	....		....	
Southw n Pres. Un	June 13	357	..		....	
Southwestern Univ †	May —	301	.	Rev. James Campbell, D. D.	1876	Georgetown, Tex.
Spring Hill College	June 21	450	308	E. Bermudez	1853	New Orleans, La.
State Univ of Iowa†	June 7	5,266	.	Dexter E. Smith	1858	Santa Ana, Cal.
State Univ † (Ky)	May 17	125	115	A H Payne, A.B.	1883	Louisville, Ky.
St. Edward s College	June 14	90	87	David J Shall	1886	Yoakum, Tex.
Stevens Inst. Tech	June 14	833	795	J Augustus Henderson	1873	Lemont, Pa
St. Francis Xavier C	June 25	775	626	T M. Killeen; J. W. O'Brien	1855	Pt. Richmond; Bklyn.
St. John's Col (D C)	June 19	120	...	Joseph H. Benson, D. D. S.	1872	Washington, D. C.
St. John s Col (Md.)	June 20	586	387	Wm. Harwood, B. A., M. A.	1827	Annapolis, Md.
St. John s Col (N Y.)	June 20	934	739	Augustine M O'Neil	1849	Brooklyn, N. Y.
St John's Un (Minn	June 24	717	. .	Boniface Moll, A M	1870	St. Paul, Minn.
St. Lawrence Univ †	June 27	713	650	Rev. Daniel Ballou	1861	Utica, N. Y.
St Louis University	June 27	1,086	....	Rev. J. G H. Kermion, A B	1840	St. Louis, Mo.
St Mary sCol (Kan)	June 20	280	.	Rev R Dunne	1882	Chicago, Ill.
St. Mary s Col (Ky.)	June 20	....	. .	Samuel Spalding	1828	Lebanon, Ky.
St. Olaf College†	June —.	45	43	C J Rolleison	1890	Grand Forks, N. Dak.
St Paul s College	June 6	167	..	*See note "h," on page* 311.		
St Stephen's College	June 14	305	266	Rev Joseph Carey, D D	1861	Saratoga Springs, N.Y.
St Vincent s College	June 22	125	101	Isidore B Dockweiler, A. M.	1887	Los Angeles, Cal.
Swarthmore College†	June 12	520	499		....	
Syracuse University†	June 13	2,636	2,000	W Kreutzer; R. C. Welch	1852	Lyons N Y.; Albion.
Tabor College†	June 20	176	174	B I Cummings	1870	Tabor, Iowa.
Talladega College† (d)	June 12	160	146	Rev. T. T. Benson	1876	Brazoria, Tex.
Tarkio College†	June 7	141	139	William R. Littell	1887	Tarkio, Mo
Teachers College†	June 7	556	.		....	
Thiel College†	June 21	220	200	Class of '74, 6 graduates living	by	last report.
Throop Poly. Inst †	June 14	86	85	Class of 95, 9 graduates living	by	last report.
Trinity College (Ct)	June 27	1,275	836	Dr. Gurdon W. Russell	1834	Hartford, Ct.
Trinity Col † (N. C)	June 6	....	....	L. Johnson	....	Trinity, N. C.
Trinity Univ † (Tex.)	May —.	....	....	Rev J. S. Groves	1870	Mexia, Tex.
Tufts College†	June 19	1,030	870	Silas Bundy Rawson	1860	Old Town, Me
Tulane University	June 21	4,851			....	
Union Christ'n Col. †	June 11	213	203	J. J Summerbell, D. D	1864	Dayton, Ohio.
Union Col † (Ky.)	June 7	19	19	J. P Faulkner, J. E. Thomas.	1893	Barb rv'l, Ky; N. B'fd
Union Col. † (Neb.)	May 29	78	78	Miles W. Lewis	1895	Atlanta, Ga.
Union College (N. Y.)	June 27	5,027	2,500	Joseph D. Husbands	1828	Rochester N. Y.
Union Theol. Sem	May 15	3,011	2,130	Joseph A. Saxton	1839	New York City, N. Y.
Univ of Alabama†	June 20	1,553	...	James C. Foster	1838	Tuscaloosa, Ala.
Univ of Arizona†	May 31	11	10		....	
Univ of Arkansas†	June 21	681	600	Class of '75, 7 graduates living	by	last report.
Univ. of California†	May 15	3,774	1,637		....	
Univ. of Chicago†	(b)	1,950	1,875	Thomas W. Hyde	1861	Bath, Me.
Univ of Cincinnati†	June 12	(y) 439	(y) 420	Rev. Frank McFarland	1877	Cincinnati, Ohio.
Univ. of Colorado†	June 7	612	594	Rich. H. Whiteley	1882	Boulder, Col.
Univ of Denver†	June 13	449	....	James O. Campbell, M. D.	1882	Ogden, Utah.
Univ. of Georgia	June 20	2,228	....	Rev. A. H. Mitchell, D.D.	1852	Summerville, Ala.
Univ of Idaho†	June 13	31	31	Stella Maude Allen	1896	Moscow.
Univ. of Illinois†	June 13	3,573	3,430	James N. Matthews, M. D	1872	Mason, Ill.
Univ. of Kansas†	June 6	1,640	1,569	*See note "j," on page* 311.		
Univ of Maine†	June 13	580	547	Benjamin F. Gould	1872	Hollister, Cal.
Univ. of Michigan†	June 21	16,169	....	Edmund Fish	1845	Hillsboro, Ill.
Univ. of Minnesota†	June 7	2,887	2,800	*See note "i," on page* 311.		
Univ. of Mississippi	June —.	1,300	1,000	Thomas Elliott Bugg	1851	Starke, Fla.
Univ. of Missouri†	June 6	2,103	....	Robt. B. Todd	1843	New Iberia, La.
Univ of Montana†	June 6	7	7	Mrs. Ella R Glenny	1898	Missoula, Mont.
Univ. of Nashville†	May —.	...	....	Edwin H. Ewing	1826	Murfreesboro, Tenn.
Univ. of Nebraska†	June 7	1,235	....	Jas. S. Dales; Wm. H. Snell.	1873	Lincoln, Neb.; Tacoma
Univ. of N. Mexico†	June 7	29	29	Charles E. Hodgin	1894	Albuquerque, N. M.
Univ. of N. Carolina	June 6	2,351	....	Cadwallader Jones, A. B.	1832	Columbia, S. C.
Univ. of N Dakota†	June 14	128	124		....	
Univ. of Notre Dame	June 14	....	....	Rev D. B. Kilroy	1849	Stratford, Ont.
Univ of Oklahoma†	June 8	21	21	C. R. Hume; R. P. Stoops	1898	Anadarko, Ok; Bat. C'k
Univ of Omaha†	June 7	276	....		....	
Univ. of Oregon†	June 14	....	....		....	
Un. of Pennsylvania†	June 13	18,401	15,087	Robt. B. Davidson, A. M.	1826	Philadelphia, Pa.
Univ. of Rochester	June 20	1,282	1,080		....	
Univ. of S. Dakota†	June 13	187	182	Clarence B. Antisdel	1888	Congo Free State, Af.

Colleges—Table Two. For explanation of signs, see page 311	Commencement Day, 1900.	Graduates since Organization.*	Alumni Living.*	Earliest Graduate Living.	Graduated.	Present Address.
Univ of Tennessee†	June 20...	....	....	Joseph L. King	1829	Atlanta, Ga.
Univ. of Texas†	June 20	800	790	Samuel Clark Red	1885	Houston, Tex.
Univ. of the Pacific†	May 24...	519	470	Geo. W. Blackford, B S	1859	San José, Cal.
Univ. of the South	Aug. 2...	337	319	J. J. Hanna, C. E.	1873	New Orleans, La.
Univ of Utah†	June 13...	679	....	William Bradford	1876	Salt Lake City, Utah.
Univ. of Vermont†	June 27.	3,383	....	.....	....	.....
Univ of Virginia	June 13.	....	....	Thos. S. McCleland	1829	Norwood, Va.
Univ. of Washingt'n†	May 31.	224	210	Mrs. Clara McCarty Wilt, B.S.	1876	Tacoma, Wash.
Univ. of Wisconsin†	June 21...	4,007	....	Levi Booth	1854	Denver, Col.
Univ. of Wooster†	June 14	950	....	Rev. John C Miller	1871	Emporia, Kan.
Univ. of Wyoming†.	June 21.	62	62	W. H. Bramel	1891	Salt Lake City, Utah.
Upper Iowa Univ. †.	June 14.	335	308	Rev. J. L. Paine	1862	Fayette, Iowa.
Ursinus College†	June 14.	357	322	.....	....	.....
U. S. Mil. Academy.	June 1	3,939	....	Col. Joseph S. Bryce	1829	Newport, R. I.
U. S. Naval Acad.	June 8.	2,398	....	Rear-Ad. F.V.McNair, U.S.N	1853	Annapolis, Md.
Vanderbilt Univ. †.	June 20	3,600	3,200	H. W. Morgan, M.D., D.D.S.	1875	Nashville, Tenn.
Vassar College‡	June 13	1,509	....	.....	....	.....
Villanova College	June 21.	....	....	J. Henry Magee	1848	Bala, Pa.
Virginia Mil. Inst.	June 21...	1,711	1,200	Dr. O. M. Knight	1842	Oliveville, Va.
Virginia Poly. Inst	June 21...	266	258	A. B. Davis	1876	Richmond, Va.
Wabash College	June 13...	795	624	John M. Cowan	1842	Springfield, Mo.
Wake Forest College	May 31.	665	....	Dr. David R. Wallace	1850	Waco, Tex.
Washburn College†	June 13...	172	168	Rev. Perley M. Griffin	1869	Brockton, Mass.
Wash. Col. † (Md.)	June —	167	142	Eben F. Perkins	1849	Chestertown, Md.
Wash. Col. † (Tenn.)	May 10...	....	....	Judge O. P. Temple	1844	Knoxville, Tenn.
Washington Univ.†.	June 14...	3,669	....	.....	....	.....
Wash. & Jeff. Coll.	June 20...	3,849	2,200	Francis Wyeth	1827	Harrisburg, Pa.
Wash. & Lee Univ.	June 20	....	2,800	.....	....	.....
Wellesley College‡	June 26...	1,729	1,667	.....	....	.....
Wells College‡	June 14.	175	168	Jeannette Daggett	1869	New York City, N. Y.
Wesleyan Univ. †	June 27.	2,122	1,544	Daniel Henry Chase, LL D	1833	Middletown, Ct.
Western College†	June 14.	....	300	*See note "r," on page 311.*		
West. Maryl'd Coll. †	June 13	445	381	William S Crouse	1871	Denton. Md.
West. Reserve Univ.†	June 14...	1,500	900	.....	....	.....
Western Un. of Pa †	June 14.	1,760	....	Daniel Agnew, LL.D.	1825	Beaver. Pa.
Westfield College†	June 14...	215	210	Thomas S. Pittman	1869	Hammond, Kan.
Westminster C. (Mo.)	June 7.	274	239	*See note "z," on page 311.*		
Westmin r Col. † (Pa)	June 13...	....	....	Rev. W. P. Shaw	1854	Midway Pa.
West Virginia Univ †	June 21	624	....	M. H. Dent. A. M	1870	Grafton, W. Va.
Wheaton College†	June 28...	280	250	.....	....	.....
Whitman College†.	June 13...	307	282	C. C. Gose	....	Walla Walla, Wash.
Wilberforce Univ. †§.	May 17...	289	241	Rev. Thomas H. Jackson	1870	Little Rock, Ark
Wiley University†	May 16...	73	68	Rev. William Wesley	1884	Yarborough, Tex.
Willamette Univ †	June 21.	708	626	T. H. Crawford, A. M.	1863	Corvallis, Ore.
William & Mary C	June 29.	....	...	.....	....	.....
William Jewell Col.	June 13...	400	....	De Witt C. Allen	1855	Liberty, Mo.
Williams College	June 27.	3,760	1,250	Joseph L. Partridge	1828	Brooklyn, N Y
Wilmington College†	June 22.	99	90	Miss Ellen C. Wright, A. M.	1875	Wilmington, Ohio.
Wilson College‡	June 7...	....	....	.....	....	.....
Wofford College	June 12.	500	....	Samuel Dibble, LL.D.	1856	Orangeburg S.C.
Worcester Poly. Ins.	June 21	823	775	Harry P Armsby	1871	State College, Pa.
Yale University	June 27...	19,000	10,500	Benjamin D. Silliman	1824	Brooklyn N Y.
Yankton College†.	June 20...	97	95	Gustave G. Wenzlaff	1888	Yanktou S Dak.
York College†	June 13...	134	134	Minnie Buswell	1894	Beatrice Neb.

TABLE THREE—FINANCIAL STATISTICS OF UNIVERSITIES AND COLLEGES

Cost of Tuition and Other Expenses of Education Itemized, and Income from Productive Funds and Benefactions During the Last College Year. Communicated to "The World Almanac" by the Colleges.

Colleges. For explanation of signs, see page 311.	Tuition—Cost per Annum.	Living Expenses, Board, etc.	Other Expenses-Fees, Books, etc.	Productive Funds—Amount of.	Receipts from Benefactions.	Total Income, Including Tuition or Incidental Charges.
Add Ran Christian Univ.	$45	$125	$10	$16,000	$10 000	$20 000
Adelphi College	170	200-390	15	.....	.....	98 537
Adrian College	45	126	15	60,000	4,000	23 092
Alabama Poly. Institute.	(m) 20	85-135	25	...	None.	58 182
Albion College	None.	100	40	228,000	17 150	29 000
Alfred University	38	120-240	10-50	272,230	7 918	45 284
Allegheny College	None.	90-150	60	200,000	2 000	25 000
Alma College	32	120-150	None.	220,000	140,000	155 000
Am. Temperance Univ	25-40	72-100	20	.....	.....	.....
Amherst College	110	400-600	None.	1 500 000	60,000	(c) 100 000
Amity College	24-30	78-117	25	28,000	.....	6 000
Andover Theol. Sem	None.	150	10	800,000	3,500	46 000
Antioch College	37.50	145-163	None.	100,000	...	75 000
Arkansas College	36-50	90-108	12-18	.....	.....	.....
Armour Inst. Technology	75	200	15-35	1 500,000	None.	125,000
Asheville College‡	100	275	10	None.	.....	22,500
Atlanta University	16	80	8	35,000	23,250	35,000

Colleges—Table Three. For explanation of signs, see page 311.	Tuition—Cost per Annum.	Living Expenses, Board, etc.	Other Expenses—Fees, Books, etc.	Productive Funds—Amount of.	Receipts from Benefactions.	Total Income, Including Tuition or Incidental Charges.
Auburn Theological Sem.	None.	$110	None.	$525,884	$9,879	$66,736
Augsburg Seminary	$25	70	$20	None.	7,108	12,247
Augustana College	36	140	30	325,000	40,610	53,599
Baker University	28-32	72-135	8-15	.....	25,000	35,000
Baldwin University	36	100-110	5	80,987	557	8,528
Bates College	50	90-141	40	353,000	16,000	(c) 31,000
Baylor University	50	100	15	None.	None.	28,000
Beloit College	36	94-203	26-55	.....	.....	.....
Berea College (Ky.)	None.	70	30	275,000	19,525	30,525
Bethany College (Kan.)	32-50	92	.....	.....	12,000	22,000
Bethany College (W. Va.)	50	130	15	.....	.....	.....
Bethel College (Ky.)	55	100-125	15	125,000	None.	16,500
Bethel College (Tenn.)	40	100	2	None.	None.	§§2,600
Biddle University	None.	64	35	.....	.....	.....
Boston University	110	36-180	25	950,000	55,000	237,991
Bowdoin College	75	175	50	629,096	4,760	63,000
Brigham Young College	10	80-100	15-30	100,000	10,440	29,417
Brown University	105	400	45	1,158,676	38,134	142,732
Bryn Mawr College	125	275	20	1,000,000	25,000	131,000
Buchtel College	40	125	60	175,000	540	15,200
Bucknell University	50	152	.....	400,000	.....	.....
Burritt College	10-40	60-80	2-10	None.	None.	2,750
Butler University	36-45	126-175	20-40	264,449	None.	.....
Canisius College	40	200	20	None.	.....	.....
Capital University	40	95	10	.....	.....	.....
Carleton College	40	90-140	10-20	100,000	3,582	26,898
Carson and Newman Col.	35	100	15	25,000	1,000	5,000
Carthage College	32	115-170	10	55,000	10,000	12,600
Case School Appl. Science	100	125-250	30-50	.....	.....	.....
Catawba College	13-40	60-80	20	30,000	.....	.....
Catholic University	75	300-500	25	907,805	22,340	87,543
Central College (Mo.)	††60	75-100	20-50	140,000	13,500	(c) 13,000
Central Penn. College	32-48	100	15	33,000	6,000	9,318
Central Tenn. College	12-30	100	5-20	20,000	5,000	23,875
Central Univ. of Iowa	24	75	20-30	25,000	.....	§§4,671
Central Univ. of Ky	60	175-240	50	150,000	.....	.....
Central Wesleyan College	24-36	100	10	70,000	.....	9,680
Centre College (Ky.)	50	106-170	21-31	.....	.....	.....
Charles City College	36	100	15	18,000	10,400	(c) 5,300
Charleston College	40	103	10	299,000	None.	14,600
Christian University	30	110-140	10	18,000	1,200	5,000
Claflin University (a)	20	100	.....	None.	8,000	30,000
Clark University (Ga.)	None.	80	10	None.	.....	.....
Clark University (Mass.)	100	200	None.	.....	.....	.....
Clemson Agr. College	(m) 40	140	2	80,000	.....	85,000
Coe College	37	125-150	15-25	60,000	2,500	10,400
Colby College	60	128	25	473,300	4,788	30,379
Colgate University	60	150	25	1,560,000	30,600	93,261
College of City of N. Y.	None.	None.	None.	45,050	500	189,481
Colorado College	35	150-250	50	350,000	15,000	30,000
Columbia University	150-290	195-477	42-202	9,500,000	518,667	(c) 854,326
Columbian University	100	160-240	20	256,075	2,500	103,359
Concordia College	(l) 40	72	8	.....	.....	.....
Cornell College (Iowa)	41	104-248	40	100,000	140,000	(c) 26,887
Cornell University (N. Y.)	100-150	200-500	15	6,467,482	64,855	687,998
Cotner University	30	80-125	35	None.	13,000	.....
Cumberland University	50-100	90-140	10	90,000	.....	15,000
Dartmouth College	100	200-500	50	2,500,000	130,000	(c) 120,000
Davidson College	60	75-125	15-25	120,000	8,000	17,500
Defiance College	30	80	10	None.	500	2,500
Delaware College	(m) 60	125-175	25-50	83,000	.....	40,925
Denison University	39	125-150	25	410,000	.....	85,000
De Pauw University	None.	180-250	40-50	290,000	7,500	28,500
Des Moines College	36	126-236	33	56,509	4,955	11,845
Dickinson College	6.25	125	90	350,000	16,902	43,000
Doane College	24	104	30	76,657	8,180	27,000
Drake University	(u) 40	117-216	5-25	125,000	50,000	(c) 40,000
Drew Theol. Seminary	None.	108	15	400,000	100,000	(c) 31,000
Drury College	30-48	110-160	20	240,000	2,500	22,500
Earlham College	76	150	25	120,000	5,000	36,000
Elmira College‡	75	245	8	70,000	.....	.....
Elon College	50	75-100	25	.....	.....	.....
Emory and Henry Coll.	50	118-150	10-25	23,000	.....	8,000
Emory College	60	75-140	25	145,000	3,883	28,389
Emporia College	30	175	.....	None.	.....	9,000
Erskine College	30	115	20	86,000	.....	.....
Eureka College	49	175	.....	.....	.....	.....
Ewing College	30	68-88	15	20,000	25,000	.....
Fargo College	30	120-150	20-30	32,000	15,924	(c) 11,900
Findlay College	32	100-150	8	51,000	1,935	10,315
Fisk University	14	105	11	41,841	250	40,091
Fort Worth University	27-50	123-160	21	.....	9,500	3,150
Franklin College (Ind.)	24	120	15	203,000	75,000	(c) 17,600
Franklin College (Ohio)	40	80	.....	None.	None.	§§2,400

Colleges—Table Three. For explanation of signs, see page 311.	Tuition—Cost per Annum.	Living Expenses, Board, etc.	Other Expenses-Fees, Books, etc.	Productive Funds—Amount of.	Receipts from Benefactions.	Total Income, Including Tuition of Incidental Charges.
Franklin & Marshall Coll.	None.	$129.50	$85	$350,000	$15,000	$26,950
Furman University	$50	60-100	25	65,000	.....	11 950
Gale College	33	120	.....	10,000	2,000	4,000
Gen'l Theol. Sem. (P. E.)	None.	225	.....	1,966,126	88,277	88,379
Geneva College	42	108	92	111,000	.....	11,000
Georgetown College (Ky.)	45	80-140	20	225,000	.....	23,500
Georgetown Univ. (D. C.)	100	237	20	35,000	50,000	(c) 131,585
Grant College	None.	None.	None.	15,533,343	None.	1 411,289
Grant University	(t) 18-50	75	9	10,000	8,000	22,218
Greensboro College‡	60	130	25	None.	.....	26,000
Greenville and Tus. Coll.	29-38	105	10	1,800	2,300	4,200
Girard College	30	125	5	50,000	None.	17,500
Grove City College	43-100	111	.....	.....	6,500	25,000
Guilford College	52	81	10	50,000	1,000	18 000
Gustavus Adolphus Coll.	29-45	150-175	15-25	.....	.....	17,000
Hamilton College	75	300	50	506,000	20,000	(c) 36,000
Hamline University	36	126	22	.....	.....	.....
Hampden-Sidney College	50	100-162	35	150,000	1,500	13,500
Hampton Nor. & A. I. (h)	30-70	80-100	None.	726,401	136 416	159,084
Hanover College	None.	125-200	40-50	200,000	10,000	13,000
Hartford Theol. Sem.	None.	132	100	180,000	17,554	38,000
Harvard University	150-200	200-500	25 up.	11,766,371	1,544,329	(c) 1,234,740
Haverford College	150	350	25	750,000	48,000	118,000
Hedding College	44	100-150	15-20	30,000	.....	.....
Heidelberg University	36	125	25-50	100,000	.....	9,500
Hendrix College	60	100	20	.....	1,100	5,000
Henry College	45	85-100	12	None.	None.	15,000
Highland University	25	120	10	40,000	1,400	4,500
Hillsdale College	1.50	88	162	240,000	.....	15 800
Hiram College	36	100-133	25	150,000	40,000	(c) 20,000
Hiwassee College	30-40	100	25	.....	.....	.....
Hobart College	75	160-200	40-60	451,873	44,065	78,668
Holy Cross College	60	200	10	5,000	.....	18,200
Hope College (Mich.)	18	125-175	25	206,329	.....	.....
Howard College (Ala.)	60	100	25-35	13,000	34,000	47,000
Howard University (D. C.)	(f)	79	25	40,000	2,500	.....
Howard Payne College	40-50	100	10	.....	28,000	35,000
Huron College	30	95-125	15	None.	4,108	6,158
Illinois College	50	125	15	.....	.....	.....
Illinois Wesleyan Univ.	47	125-150	15	75,000	.....	.....
Indiana University	None.	150	38-53	600,000	.....	130,000
Iowa College	55	108-200	26-55	290,000	36,000	58,000
Iowa State College	None.	150	(y)	682,833	None.	131,344
Iowa Wesleyan Univ.	40	120	29	55,000	.....	.....
John B. Stetson Univ.	60	148	10	200,000	5,000	25,000
Johns Hopkins Univ	150-200	158	25-41	3,000,000	.....	§§75 000
Kalamazoo College	25.50	175-200	15-20	196,583	4,397	22,806
Kansas Wesleyan Univ.	33	60-100	20-50	None.	.....	13,000
Kentucky University	22	160-200	42	203,581	None.	.....
Kentucky Wesleyan Coll.	50	125-240	.....	35,000	.....	.....
Kenyon College	100	300	None.	300,000	43,000	.....
Keuka College	36	114	.....	120,000	13,000	19,376
King College	50	90-100	10-20	17,000	.....	2,800
Knox College	50	165	17	227,776	14,800	(c) 28,078
La Fayette College (Ala.)	None.	90	18	None.	1,500	3,500
Lafayette College (Pa.)	100	185	32	302,000	10,000	50,000
La Grange College	40	38-95	10	12,000	150	3,150
Lake Forest College	40	163-440	24	525,000	70,000	(c) 104,000
Lane Theological Sem	None.	200	.....	351,000	None.	.....
La Salle College	80	.....	20	None.	.....	.....
Lawrence University	6	111	35	.....	12,000	24,600
Lebanon Valley College	40	146	18	.....	....	18,000
Lehigh University	60-100	175-320	25-50	.....	.....	110,000
Leland Stanford, Jr. Univ.	20-30	180-225	10-60	‡‡	None.	250,000
Leland University	None.	90	5	117,500	1,409	7,589
Lenox College	30	90-140	6-20	.....	.....	.....
Liberty College	20-40	120	15	None.	None.	.....
Lima College	25-40	100-150	6-15	.....	12,000	17,000
Lincoln University (Ill.)	25	200	10	59,540	4,850	9,847
Livingstone College	65	(i)	25	2,500	7,500	15,600
Lombard College	35	75-125	25-30	153,000	6,000	21,000
Louisiana State Univer.	None.	120	10-40	.....	None.	47,333
Macalester College	45	125-225	.....	.....	.....	.....
Manhattan College	75-100	250	5-20	None.	None.	39,366
Marietta College	30	125-175	10	200,000	100,000	(c) 21,000
Maryville College	12	57	8	200,000	10,000	20,945
Mass. Agricultural Coll.	(m) 80	250	50	360,575	.....	44,298
Mass. Inst. Technology	200	200-500	35-40	1,109,464	78,820	331,035
McCormick Theol. Sem.	None.	125	75	470,000	.....	.....
McKendree College	36	123	10	35,000	2,500	5 000
McMinnville College	33	100	15	40,000	.....	4,600
Mercer College	55	75-10	12	165,000	34,000	42,000
Miami University	None.	108	40	73,875	None.	37,874
Michigan Agricul. Col.	(m) 15	150-225	(y)	694,000	None.	151,381

Colleges—Table Three. For explanation of signs, see page 311.	Tuition—Cost per Annum.	Living Expenses, Board, etc.	Other Expenses—Fees, Books, etc.	Productive Funds—Amount of.	Receipts from Benefactions.	Total Income, Including Tuition or Incidental Charges.
Middlebury College	$60	$145	$45	$384,000	.....	$24,000
Midland College	30-40	100	15-25	24,657	$5,514	10,704
Milligan College	24-36	100-136	15-40	.....	600	4,100
Mills College	(i) 360	(i)	25	.....	20,000	.....
Millsaps College	30	108	18	110,000	1,500	11,000
Milton College	24-36	120-200	5-15	83,743	26,50	10,083
Miss. Agri. & Mech. Col.	(m) 20	94	35	98,575	.....	66,115
Mississippi College	35	85-125	20	39,000	3,300	10,000
Missouri Valley College	25-40	100-160	5-20	112,000	1,500	20,415
Monmouth College	40	125	15	100,000	.....	.....
Moore's Hill College	36.75	80-100	15-25	20,140	1,950	5,300
Morningside College	30	108-126	25	.....	.....	.....
Morris Brown College	9	52	12	.....	.....	.....
Morrisville College	40	75-100	18	.....	.....	§§4,000
Mount Angel College	50	150	10	.....	.....	.....
Mt. Holyoke College†	100	150-180	25-50	470,000	168,438	(c) 112,606
Mount St. Mary's College	(i) 300	(i)	30	None.	.....	.....
Mount Union College	30	90	20	62,800	2,106	16,584
Muhlenberg College	50-75	117-156	15-25	155,780	12,312	(c) 16,892
Muskingum College	38	85-100	8-12	36,500	8,246	(c) 7,723
Nebraska Wesleyan Univ.	20	120	10	10,000	12,909	17,902
Nevada State University	None.	150-200	10-30	.....	12,000	56,522
Newberry College	40	60-108	55	32,000	.....	6,000
Newton Theol. Inst.	None.	165	50	500,000	.....	32,000
New York University	100-180	200-400	35-55	2,239,859	327,600	595,768
Niagara University	100	100	15	None.	.....	§§35,000
North Carolina College	40	70-90	10-20	8,000	None.	1,963
Northern Illinois College	40	150	15	.....	.....	§2,000
Northwestern Coll. (Ill.)	33-39	125-200	10-20	100,000	10,000	27,750
Northwestern Univ. (Ill.)	69-150	122-262	....	2,465,827	.....	.....
Northwest Missouri Coll.	45	100-150	15-50	None.	.....	15,000
Oberlin College	50-75	125-250	15-75	1,002,477	65,758	(c) 142,259
Ogden College	25-40	125-150	30	130,000	None.	8,920
Ohio State University	15-60	144-348	(y)	552,617	925	277,593
Ohio Univ. (Athens, O.)	None.	100-200	22-35	None.	None.	42,000
Ohio Wesleyan Univ.	46	150	25	1,080,631	250,000	(c) 57,106
Olivet College	45	110-150	25	130,000	52,000	64,000
Ottawa University	27-30	90-150	10-15	80,000	None.	14,000
Otterbein University	41	110	.....	70,000	2,500	17,500
Ouachita Baptist College	50	75-135	10	None.	.....	§§10,000
Oxford College	50	230	15	.....	.....	.....
Pacific College (Oreg.)	35	100	.....	8,000	6,000	8,500
Pacific University	30-45	125	35	175,000	.....	.....
Park College	15-30	75-129	.....	200,000	.....	.....
Parsons College	38	180-300	10	160,000	.....	13,000
Penn College (Iowa)	38	100-125	9	30,000	.....	§§8,100
Pennsylvania College	30	122-215	26-45	210,000	5,500	26,757
Penna. Military College	500	(i)	160	.....	.....	.....
Pennsylvania State Coll.	(m) 100	180	50	517,000	None.	115,679
Philander Smith College	12	70	5	None.	2,146	3,546
Philomath College	25	100	10	5,000	.....	.....
Polytechnic College (Tex.)	50	70-200	11-41	None.	5,000	13,250
Polytechnic Institute	200	250-350	.....	110,000	.....	.....
Portland University	44-52	90-108	55-65	None.	1,200	6,300
Princeton Theol. Sem.	None.	99	12	1,304,794	7,360	83,407
Princeton University	150	200-500	.....	.....	.....	.....
Purdue University	None.	160	35-50	340,000	None.	161,032
Radcliffe College‡	200	300	.....	400,000	54,249	§§72,847
Randolph-Macon College	75	120	35	120,000	.....	.....
Red River Valley Univ.	36	108-144	10-20	3,000	1,141	2,450
Rensselaer Poly. Inst.	200	100-370	58	.....	.....	.....
Richmond College (Ohio)	36	100-150	15	None.	.....	3,000
Richmond College (Va.)	70	125-150	25	270,000	20,000	(c) 28,000
Rio Grande College	24-28	100	10-30	69,000	200	6,900
Ripon College	30-36	92-150	24-33	261,548	30	20,240
Roanoke College	50	84-140	20-40	65,000	7,200	14,200
Rock Hill College	(i) 260	(i)	50	None.	None.	.....
Roger Williams Univ. (a)	8	72	16	.....	195	§§1,170
Rollins College	33-50	132	.....	.....	.....	.....
Rose Polytechnic Inst.	100	160-200	25	600,000	50,000	.....
Rutgers College	75	126-216	39-69	.....	.....	.....
San Francisco Theo. Sem.	None.	125	None.	400,000	.....	16,000
Scio College	33	105	19	None.	None.	18,598
Scotia Seminary	None.	45	17-24	.....	9,173	14,914
Seton Hall College	(i) 300	(i)	30	.....	.....	.....
Shaw University	(b)	42-64	2-15	31,238	3,401	24,545
Shurtleff College	56	135	.....	129,145	14,793	(c) 11,966
Simpson College	31-38	95-123	3-8	53,015	1,838	12,328
Smith College	100	300	.....	759,400	128,288	.....
South Carolina College	40	90-130	45	None.	.....	30,000
South Dakota University	30	100	15	.....	.....	.....
Southern Bapt. Theo. Sem.	None.	90	20	465,000	.....	.....
Southern University	50	140-170	20	50,000	1,000	15,000
South Kentucky College	40	110-130	10	.....	.....	.....

Colleges—Table Three. For explanation of signs, see page 311.	Tuition—Cost per Annum.	Living, Expenses, Board, etc	Other Expenses—Fees, Books, etc.	Productive Funds—Amount of.	Receipts from Benefactions	Total Income, Including Tuition or Incidental Charges
S. W. Bapt. Univ. (Tenn.)	$40-50	$85	.....	.....	.....	.....
S. W. Presb. Univ. (Tenn.)	60	82-160	$76	$210,000	$45,000	‖$4,200
Southwestern Univ. (Tex.)	60	90-150	25	.....	.....	.....
Southwest Kansas College	30	100	22	None.	3 000	9 722
Spring Hill College	(*i*) 300	(*i*)	.....	None.	1 000	40 000
State Univ. of Iowa	25-75	126-252	.....	235 000	None	154,876
State Univ. of Kentucky	13.50	75	15	.....	.....	5,883
Stevens Institute Tech.	(*p*)	250-350	35-45	500,000	50.000	(*c*) 58,000
St. Francis Xavier's Coll.	60	None.	20	.....	.....	.....
St. John's College (D. C.)	100	.....	15-20	.....	.....	11,800
St. John's College (Md.)	75	160	20	1.000	14,200	22.000
St. John's College (N. Y.)	60	285	40	840,000	None.	20,000
St. John's Univ. (Minn.)	50	150	20-40	None.	None.	.....
St. Lawrence University	50	160	20	361,016	11,491	24 350
St. Louis University	60	None.	10	None.	None.	.....
St. Mary's College (Kan.)	30	225	10	None.	None.	.....
St. Mary's College (Ky.)	30	120	15-20	None.	None.	§$12,000
St. Olaf College	None.	85	17	7,000	7 033	10 123
St. Paul's College	33	140-150	15	20,000	1,500	§§3,000
St. Stephen's College	None.	225	None.	110,412	6,551	25,767
St. Vincent's College	50	200	.....	.....	.....	.....
Swarthmore College	150	250	50	.....	.....	.....
Syracuse University	100-135	250-400	25	703,359	64.965	206,627
Tabor College	39	150-300	25-50	100,000	11,353	(*c*) 14,300
Talladega College	4-8	70	10	.....	.....	.....
Tarkio College	30	115-160	14-21	59,000	5,747	14 025
Taylor University	36	72	None.	None.	3,000	6,000
Teachers' College	75-150	316	15	.....	.....	.....
Thiel College	50	125	10	62 500	2 200	12,000
Throop Poly. Inst.	75	220	10	28,200	27,855	43,455
Trinity College (Ct.)	100	225-400	30-75	760,000	24 088	96,640
Trinity College (N. C.)	50	100	25	275,000	93,000	(*c*) 32 000
Trinity Univ. (Tex.)	40-50	85-130	10-30	.....	.....	.....
Tufts College	100-120	156 195	45-105	1,700,000	40,000	153,735
Tulane University	105	180-270	10-45	1,477 000	.....	105,000
Union College (Ky.)	38	100	10	7,500	1,700	4,000
Union College (Neb)	35	120-150	10-25	.....	None.	23,968
Union College (N. Y.)	75	170	35	450 602	20,000	47,000
Union Christian College	30	90-120	10-18	40,000	2,300	9,085
Union Theological Sem.	35	125-150	None.	1,350,000	.....	.....
Univ of Alabama	(*m*) 40-125	130	40-50	300 000	None.	42,563
Univ of Arizona	None.	135	40-100	52 000	None.	(*x*) 52,000
Univ of Arkansas	(*m*) 30	60-140	10-20	130 000	None.	61,588
Univ of California	(*j*)	200-235	None.	2 843,005	7,000	485 175
Univ of Chicago	120	200	150	4,095 940	683 939	(*c*) 723 083
Univ of Cincinnati	(*r*) 75-100	100up.	25-40	1,186,322	140 000	§§48 000
Univ of Colorado	(*o*) 20	200	6	.....	None.	80 000
Univ of Denver	30-75	135-300	50-65	268,000	6,314	28,128
Univ of Georgia	None	97	34	404,000	None.	70 000
Univ of Idaho	(*m*)	110-150	10-25	.....	.....	.....
Univ of Illinois	(*o*)	159-233	30-50	475,444	None.	379,294
Univ of Kansas	None.	140-320	(*y*)	142 000	None.	175 500
Univ of Maine	30	125-171	53	1,019,901	None.	96,122
Univ. of Michigan	(*s*)	114-190	.....	742,000	37 790	533 524
Univ. of Minnesota	(*v*)	175-250	150-200	1,325,000	.....	398,177
Univ of Mississippi	(*l*) 50	100-160	25-65	540 000	None.	42,696
Univ. of Missouri	None.	80-300	5	(*z*) 1,234,819	16,000	176,821
Univ. of Montana	(*m*)	150-200	20	(*n*)	.....	35,000
Univ. of Nashville (*k*)	25	200	35	(*e*)	None.	43,000
Univ. of Nebraska	(*l*) 45	200	20	175,000	.....	287,000
Univ. of New Mexico	None.	350	5	.....	20,000	§§400
Univ. of North Carolina	60	150-300	50	100,000	4,000	48,000
Univ of North Dakota	None.	125	20	None.	None	45,000
Univ. of Notre Dame	50-150	200-350	25-50	None.	3,000	.....
Univ. of Oklahoma	None.	105	50-60	.....	None.	§§1,180
Univ. of Omaha	36-100	100-108	20-50	135.000	5,000	22,000
Univ. of Oregon	None.	150	30	185,000	None.	44 963
Univ. of the Pacific	50	210	25	30,000	1,500	25,000
Univ. of Pennsylvania	100-200	350-500	25	2,935,459	616,441	1,082,145
Univ. of Rochester	60	125-180	20-40	724,300	24.771	43 288
Univ. of the South	80-100	130-193	25	175,000	15,050	50 441
Univ. of South Dakota	12-36	125-200	5-35	None.	None.	32 000
Univ. of South. California	60	200	20	150,000	.....	§§6,000
Univ. of Tennessee	(*m*) 60	100-175	35-90	425,000	None.	77,149
Univ. of Texas	None.	144-180	25-50	(*w*)	20,000	150,000
Univ. of Utah	10	125-225	5-40	145,000	25	44,000
Univ. of Vermont	60	150-200	90-140	250,000	51,000	79,190
Univ. of Virginia	(*d*)	180	40	355,600	19,941	132,916
Univ. of Washington	None.	100-200	50	None.	None.	55,000
Univ. of Wisconsin	(*m*) 18	160	15-25	525,000	.....	426,663
Univ. of Wooster	45-60	75-150	30-50	350,000	20,000	§§15,000
Univ. of Wyoming	None.	150-225	25	None.	None.	50,000
Upper Iowa University	36	125-175	20	47,000	3,000	16,000
Ursinus College	60	190	25	180,000	15,000	25,000

Colleges—Table Three. For explanation of signs, see page 311.	Tuition—Cost per Annum.	Living Expenses, Board, etc.	Other Expenses—Fees, Books, etc.	Productive Funds—Amount of.	Receipts from Benefactions.	Total Income, Including Tuition or Incidental Charges.
U. S. Military Academy.....	†	†	†	†	†	†
U. S. Naval Academy.....	§	§	§	§	§	§
Vanderbilt University.....	$85	$100-200	$40-60	$1,200,000	.....	$100,000
Vassar College‡...	100-115	300	None.	986,953	$33,578	292,882
Villanova College.....	(*i*) 250	(*i*)	135	....	.....	.....
Virginia Military Inst.....	75	125	165	20,000	None.	52,200
Virginia Polytechnic Inst	30	90	30	344,312	None.	83,591
Wabash College.....	28	110-165	30-40	460,000	.....	.....
Wake Forest College.....	60	90-250	15-40	205,441	.....	27,760
Wabburn College.....	40	125	10	70,000	5,668	20,396
Washington Coll. (Md.)...	50	93	None.	25,000	None.	8,000
Washington Coll. (Tenn.)	27	50-65	10	5,000	2,523	6,184
Wash'n & Jefferson Coll.	24	130-200	60	258,129	565	33,482
Washington & Lee Univ.	50	80-180	30-50	630,915	.....	45,000
Washington University...	150	200-300	25-50	775,000	6,000	157,787
Wellesley College‡.....	175	225	20	.....	193,000	(*c*) 226,448
Wells College‡.....	100	300	15-25	200,000	1,500	49,749
Wesleyan University.....	75	350-500	(*y*)	1,272,247	25,000	94,559
Western College.....	36	125-150	8	....	18,000	24,000
Western Maryland Coll...	45	180	10	None.	.....	.....
Western Reserve Univ....	85-100	180	20-26	1,145,000	92,000	263,000
Western Univ. of Penna...	100	180	20	450,000	160,000	(*c*) 95,000
Westfield College.....	30	85-114	13-28	.....	6,000	9,950
Westminster Coll. (Mo.)...	50	85-160	12	209,017	633	13,129
Westminster Coll. (Pa.)..	42	95-140	15	80,000	7,600	23,000
West Virginia University..	(*m*) 37.50	130-250	25	115,000	None.	147,000
Wheaton College.....	24	150	50	52,000	20,000	32,000
Whitman College.....	48	144	23	175,000	85,000	(*c*) 20,000
Wilberforce Univ. (*a*).....	14-17	78-100	10	30,400	8,629	(*c*) 27,010
Wiley University.....	10	100	12	.....	300	12,000
Willamette University	18-45	75-150	8	41,000	300	14,100
William & Mary College....	35	85-101	21	127,900	1,600	20,744
William Jewell College.....	40	100-150	25-35	213,000	15,000	20,000
Williams College.....	105	150-250	25	1,212,128	26,959	104,896
Wilmington Coll. (Ohio)...	39	120	20	30,000	800	5,900
Wilson College‡.....	60	190	12	200,000	.....	76,000
Wittenberg College.....	50	120	.....	.....	.....	.....
Wofford College.....	40	115-180	25	63,000	.....	16,000
Worcester Poly. Inst.....	150	150-225	30	610,000	5,000	68,000
Yale University.....	100-155	150-400	20-100	5,000,000	200,000	800,000
Yankton College.....	30	100-125	15-25	55,000	12,000	18,000
York College.....	26	75-90	10	50,000	5,000	6,800

Founding of Noted Colleges,

FRATERNITIES, AND SOCIETIES.

The University of Oxford has the reputation of having been founded by King Alfred in 872.

The first college of the University of Cambridge was founded by Hugo, Bishop of Ely, in 1257.

The University of Paris was founded by King Philip II. about 1200.

The first German university was at Prague, 1348.

Trinity College, Dublin, was incorporated by royal charter in 1591.

The University of Edinburgh was founded in 1582 by a charter granted by King James VI. of Scotland.

Harvard University had its beginning at Newtown, afterward Cambridge, Mass., in 1636.

Yale University had its beginning at Saybrook, Ct., in 1700, and was removed to New Haven in 1716.

William and Mary College, first steps taken toward establishing it in 1617, erected at Williamsburg, Va., and charter granted in 1693.

The first common schools established by legislation in America were in Massachusetts, 1645; but the first town school was opened at Hartford, Ct., prior to 1642.

There are twenty-eight college Greek-letter societies in the United States, which have a membership of 100,000, with some 650 active chapters and 350 inactive chapters. They own 70 houses or halls in various college towns and cities.

The oldest college fraternity is the Kappa Alpha, which was founded at Union College, Schenectady, N. Y., in 1825.

There are eleven women's college fraternities, the oldest being the Pi Beta Phi, founded at Monmouth College in 1867.

There are also 16 professional fraternities founded by professional schools attached to colleges, and these number some 50 active chapters and over 3,500 members.

In addition are a number of local fraternities.

College Endowments.

LIST of Colleges and Universities reporting as having received $100,000 or more in endowments, with names of donors. See also column of "Productive Funds" on pages 304-309.

COLLEGES.	Amount.	Names of Donors.
Adelphi	$600 000	Not stated.
Adrian	100,000	Not stated.
Ala. Polytech. Inst.	253,500	U. S. Government.
Alfred University	272,250	Not stated.
Alma	220,000	Not stated.
Amherst	1,500,000	Not stated.
Antioch	100,000	Not stated.
Armour Inst. Tech.	3,000,000	Philip D. Armour.
Atlanta Univ	295,000	Various persons.
Auburn Theo. Sem.	950,000	Various persons.
Bates	100,000	B. E. Bates and others.
Baylor University	250,000	Various persons.
Berea	301,000	D. K. Pearsons and others.
Bethel (Ky.)	250,000	Not stated.
Boston University	1,676,322	Isaac Rich and others.
Bowdoin	1,206,650	Not stated.
Brigham Young Col.	194 555	Brigham Young.
Bryn Mawr	1,500,000	Joseph W. Taylor.
Brown University	....	Nicholas Brown.
" "	*250,000	J. D. Rockefeller.
Case Schl. Appl. Sci.	2,000,000	Leonard Case.
Catholic University	1,827,032	Various persons.
Charleston	365,000	Ephraim Baynard and others.
Clark Univ. (Mass.)	2,000,000	Jonas G. Clark.
Colgate University	1,500,000	James B. Colgate.
Colorado	338,000	Not stated.
Columbia University	1,000,000	Seth Low.
" "	*1,100,000	Joseph Loubet.
Columbian Univ	181,326	W. W. Corcoran.
Cooper Union	1,750,000	Peter Cooper.
Cornell	250,000	Not stated.
Cornell University	670,000	Ezra Cornell.
" "	1,170,000	H. W. Sage.
" "	1,500,000	Oliver H. Payne.
Dartmouth	*300,000	Edward Tuck.
"	2,000,000	Not stated.
Davidson	200,000	Maxwell Chambers and others.
Denison	*100,000	J. D. Rockefeller.
"	530,000	Not stated.
De Pauw University	1,500,000	Wm. C. De Pauw.
Drew Theol. Sem.	200,000	Not stated.
Drexel Institute	3,000,000	Anthony J. Drexel.
Drury	260,000	Not stated.
Earlham	150,000	Not stated.
Emory	200,000	Not stated.
Gen'l Theol. Sem.	3,366,626	Not stated.
Georgetown (Ky.)	250,000	Various persons.
Girard	25,000,000	Stephen Girard.
Hampton Normal	726,401	Not stated.
Harvard Univ. (*a*)	*350 000	Jacob Schiff.
" "	*500,000	Edward Austin.
" "	*1,000,000	Henry C. Warren.
Haverford	1,000,000	Jacob P. Jones.
Heidelberg Univ	150,000	Various persons.
Hillsdale	240,000	Various persons.
Hiram	150,000	Not stated.
Hobart	‡685,130	Various persons.
Iowa	300,000	Not stated
Iowa State College	622,283	Not stated.
John B. Stetson Univ.	200,000	John B Stetson.
Johns Hopkins Univ.	3,000,000	Johns Hopkins
Kenyon	600,000	Lords Kenyon and Gambier.
Lake Forest	1,200,000	Not stated.
Lane Theol. Sem	502,000	Not stated.
Lehigh University	2,000 000	Asa Packer.
Leland Stanford, Jr. University	15,000,000	Leland Stanford and wife.

COLLEGES.	Amount.	Names of Donors.
Leland University	$117,500	Not stated.
Lincoln Univ. (Ill.)	100,000	Various persons.
Maryville	500,000	Various persons.
Mass. Agricultural	360,575	Mass. and U. S.
Mass. Inst. Technol.	1,449,292	Various persons.
M'Cormick Theol. S.	986,000	Not stated.
Middlebury	500,000	C. and E. Starr.
Millsaps	107,000	R. W. Millsaps.
Mt. Union	169,326	Not stated.
Muhlenberg	155,780	Not stated.
New York Univ	3,278,887	Not stated.
Northwest'n Un. (Ill.)	3,171,449	Not stated.
Oberlin	1,656,477	Various persons.
Ohio State Univ	552,617	U. S Government.
Ohio Wesleyan Univ.	1,200,000	Various persons.
Pennsylvania	210,000	Not stated.
Penna. State College.	517,000	Not stated.
Pratt Institute	4,000,000	Charles Pratt.
Princeton Th. Sem.	1,875,465	Not stated.
Princeton University	*100,000	Not stated.
" "	1,600,000	John C. Green.
Purdue University	340,000	U. S. Government.
Radcliffe	700,000	Not stated.
Ripon	398,747	Not stated.
Rose Poly. Inst	900,000	Chauncey Rose.
Smith	1,743,553	Not stated.
Stevens Inst. Tech.	811,000	E. O. Stevens and others.
Syracuse University.	2,054,443	Not stated.
Teachers'	*200,000	Caroline L. Macy.
Throop Poly. Inst.	150,000	Amos G. Throop.
Tulane University	1,050,000	Paul Tulane.
Union Christian	110,000	Various persons.
Univ. of Alabama	300,000	U. S. Government.
Univ. of Arkansas	130,000	U. S. Government.
Univ. of California	11,710,054	Various sources.
Univ. of Chicago	*b* 8,285,743	John D. Rockefeller and others.
Univ. of Denver	420,000	Various persons.
Univ. of Illinois	475,444	U. S. Government.
Univ. of Cincinnati	†329,091	Various persons.
" "	1,186,522	Various persons.
Univ. of Maine	243,400	Not stated.
Univ. of Michigan	742 000	Various sources.
Univ. of Minnesota	3,500,000	Minnesota, the U S. and J. S. Pillsbury
Univ. of Mississippi.	540,000	U. S. Gov. Granted Feb. 20, 1819.
Univ. of Missouri	1,234,819	Various sources.
Univ. of Montana	*See note c*	U. S. Government.
Univ. of N. Dakota	*See note d*	U. S. Government.
Univ. of Penna	*600,000	Max. Somerville.
" "	*250,000	Not stated.
" "	*100,000	Andrew Carnegie.
Univ. of Tennessee	336,000	U S Government.
Univ. of Texas	2,600,000	U. S. Government.
Ursinus	225,000	Not stated.
Vanderbilt Univ	1,200,000	Vanderbilt family.
Vassar	2,129,907	Matthew Vassar and others.
Washington Univ	$725,125	Not stated.
Washington and Lee Univ.	900,000	George Washington and others.
Wells	200,000	Not stated.
Wesleyan Univ	1,946,432	Geo. I. Seney and others.
West Virginia Univ.	115,000	Not stated.
Whitman	175,000	D. K. Pearsons and others.
Williams	1,633,002	Not stated.
Wilson	200,000	Not stated.
Yale University	4,500,000	Various persons.
" "	*150,000	O. C. Marsh.

* Donated in 1898-99. † Since 1897. ‡ Amount of present net property. §$400,000 by Samuel Cupples in 1899. (*a*) Productive funds, $11,765,371. Harvard University has no specific college endowment; the whole plant and invested funds may be worth about $14,000,000, but its value is not known. (*b*) Total property and endowment. (*c*) 46,080 acres of land that cannot be sold for less than $10 per acre. (*d*) 126,080 acres of land, none of which may be sold for less than $10 per acre.

TABLE ONE.

* All departments. † Co-education of the sexes. ‡ Education of women only. § For the education of colored students. ¶ Teachers' College is now part of Columbia University. ‡‡ Medical Department at Mobile, Ala. †† At Chattanooga also.

§§ Figures are for Franklin College, State College of Agriculture and Mech. Arts, and Law Dep't.

(a) Co-education in Medical Department.

(b) Not yet organized for instruction. Is intended solely for post-graduate work.

(c) No restriction as to color.

(d) Certain courses are open to women in Columbia University, with use of library, who are students of Barnard or Teachers' College.

(e) Negotiations pending for its transfer to another college at time ALMANAC was printed.

(f) Confined strictly to post graduate work. The national university of the church.

(g) Academic and Technical Departments at Fayetteville; Law and Medical Dep'ts at Little Rock; Normal School for negroes, Pine Bluff, Ark.

(h) Exclusive of 1,470 students of Teachers' College and 278 students of Barnard College.

(i) Presbyterian in sympathy.

(j) For Indians and colored youth, both sexes.

(k) Professors take Chairmanship in turn.

(l) Branch at Bellevue, Neb., also.

(m) Located in Pittsburgh and Allegheny.

(n) Separate department for women in the H. Sophie Newcomb Memorial College.

(o) For both sexes, except that Adelbert College Annex is for women only.

(p) Dental and Law Schools at Chicago.

(q) Report at close of 1898.

(r) Schools Pharmacy and Medicine at Chicago.

(s) Academic and Law Departments at Austin; Medical at Galveston, Agricultural and Mechanical Branch at College Station, Tex.

(t) College for women at Lynchburg, Va.

(u) School of Mines at Rolla, Mo.

(v) Co-education in graduate courses only.

(w) Co-education in law, pedagogy, and graduate schools. The University proper is at University Heights, Bronx Borough, New York; Law School at Washington Square, New York.

(x) College of Liberal Arts at St. Paul, Minn.; College Physicians and Surgeons Minneapolis.

(y) Medical Department located in Louisville. Statistics are exclusive of medical students and those in commercial college.

(z) Academic Department only.

TABLE TWO.

* All departments. † Co-education of the sexes. ‡ Education of women only. § For the education of colored students. ¶ Medicine, May 14; Law June 11; Undergraduate, June 21.

(b) Convocation days are first days of each quarter, January 1, April 1, July 1, October 1.

(c) Confined strictly to post-graduate work. The national university of the church.

(d) No restriction as to color.

(e) S. C. Cole, Akron, O.; J. B. Pierce, Sharpsville, Pa.; A. S. Peckham, Hiram, O.; all class of '73.

(f) For Indians and colored youth.

(g) Co-education in medical school.

(h) Mary E. Eckstein, Charles Biermann, Willow City, N. Dak.; Christian Arnold Washington; all class of '91.

(i) Warren C. Eustis, Owatonna, Minn., and Henry M. Williamson, Portland, Ore.; both class of 73.

(j) L. D. L. Tosh, Argentine, Kan.; Murray Harris, Baird, Tex.; Flora R. Coleman, Lawrence, Kan.; R. Collins Rodi, Pa.; all class of '73.

(k) Total number of students; number of graduates unknown.

(l) J. E. Hurlbert, Cleveland, O., and Mrs. Elmer E. Truesdall, Garrettsville, O.; both class of '69.

(m) J. M. Cavaness, Chanute, Kan.; O. K. Hall and Rev. J. C. Hall, Hutchinson, Kan.; all class of 66.

(n) J. W. Gillespie, Washington, D. C.; George Hester, Cleveland, O.; S. F. De Ford, Ottawa, O.; W. H. Dressler, Alliance, O.; all class of '58.

(o) James Mullenbach, Chicago, Ill.; Donald G. Colp, New Haven, Ct.; Mary Curtiss, Moville, N. Dak.; all class of '96.

(p) Medicine, April 21; Theology, May 15; Law, June 1; Liberal Arts, May 23.

(q) Report at close of 1898.

(r) Rev. Wm. T. Jackson, Emmettsburg, Iowa; Emma N. Steel, David City, Neb.; both class of '64.

(s) Annie L. Barber, Meadville, Pa.; Grace R. Canfield, Cambridge, Mass.; Mrs. D. L. Tappan, Arlington, Mass.; all class of 83.

(t) Rev. G. C. Leonard, Newton, N. C.; Rev. G. L. M. Lyerly, Crescent, N. C.; Dr. Moses Zoll, Mt. Pleasant, N. C.; all class of '84.

(u) R. C. Anderson, Covington, Va.; H. E. C. Baskerville, Richmond, Va.; both class of 36.

(v) W. C. Baker, Grand Haven, Mich.; S. H. Pennington, Newark, N. J.; Geo. P. Tayloe, Roanoke, Va., all class of 25.

(w) Amy Barnes Miller, Seattle, Wash.; Alvah J. Graham, Winfield, Kan.; Olive Stubblefield-Robertson, Chandler, Okla.; all class of 89.

(x) Figures are for College of Liberal Arts only.

(y) Academic Department only.

(z) R. W. Baker, Fulton, Mo.; J. P. Broadwell, Shreveport, La.; Robt. McPheeters, Fulton; all class of 56.

TABLE THREE.

† At U. S. Military Academy tuition is free. Cadets are paid $540 per year each by the Government, out of which they pay their own expenses for board, clothing, etc.; living expenses average about $212 per annum. †† Free to sons of ministers.

§ At U. S. Naval Academy tuition is free. Cadets are paid $500 per year each by the Government, out of which they pay their own expenses for board, clothing, etc.; living expenses average about $24 per month.

‡ Education of women only. ‡‡ Amount indefinite, but income is about $250,000. See also College Endowments.

§§ Income from tuition, board, or incidental charges only.

(a) For colored students.

(b) College department, $12; professional, $60.

(c) Exclusive of benefactions.

(d) Engineering, $100; law, $100; medicine, $120 first year, $100 second year, $60 third year.

(e) 50,240 acres of land.

(f) $70 in medical departments; others free.

(g) Free to State residents, except in prof. courses. Medical and law departments not included.

(h) For colored and Indian youth.

(i) Living expenses included in tuition charges.

(j) Free except in professional departments.

(k) Applies to Peabody Normal College only.

(l) Law department; no charge in other branches.

(m) Free to State residents.

(n) 43,680 acres of land that cannot be sold for less than $10 per acre.

(o) In graduate school and undergraduate classes tuition is free. Preparatory and special students, $15 a year; law, $60 a year; pharmacy, $75 a year; medical school, $105 a year.

(p) $150 for students residing in New Jersey, $225 for non-residents.

(r) Free to residents of Cincinnati.

(s) Matriculation fee (first year only), residents, $10; non-residents, $25; annual fee, residents, $30; non-residents, $40.

(t) Free to clerical students.

(u) For College of Letters and Science; other departments vary.

(v) Law department, $55; medicine, $90; free in other departments, with incidental fee of $5 a term.

(w) 2,000,000 acres of land, $600,000 bonds.

(x) Federal, State, or Territorial appropriation.

(y) Charges for books, fees, etc., included in living expenses.

(z) And 50,000 acres unsold land; also about $40,000 a year from U. S. Government.

American College Cheers.

THIS collection of cheers has been made by THE WORLD ALMANAC, by correspondence with officials of the respective institutions, and revised to 1900. It is believed to be the largest collection ever published.

Add-Ran Christ'n Univ.—"Boom el lacker, Boom el lacker, Boom el la boo! Varsity, varsity! Add-Ran U"

Alabama Polytechnic Institute.—"Je hah, Je hah, Je hah hah hah, Auburn Auburn, rah rah rah. Auburn, Auburn is our cry, V-I-C-T-O-R-Y!"

Albion.—"A-l'-b-i'-o-n', Bis Boom Bah, Albion, Rah! Rah! Rah!"

Alfred University.—"Rah! Rah! Rah! Zip, Rah, Boom! Alfred University, Give Her Room!"

Allegheny.—"Alleghe! Alleghe! Rah! Boom! Allegheny!"

Alma.—"One, two, three, Hip, hi, hoo, ray, ALMA, Rah Rah Rah! Alma!"

Amherst.—"Rah! Rah! Rah! Rah! Rah! Rah! Amherst!"

Armour Institute Technology.—"Arc-Mec-Chem-Elec, Armour Tech—Armour Tech!"

Atlanta University.—"Rah! Rah! Rah! Ah! See! Atlanta Universi-ty!"

Baker University.—"B. U.! Rah, Rah, Rah! B. U.! Rah, Rah, Rah! Hoorah! Hoorah! Baker! taker! Rah! Rah! Rah!"

Baldwin University.—"U rah rah; B. Baldwin; U rah rah!" (repeated with tiger.)

Bates.—"B-A-T-E-S—Rah Rah Rah! Boom-a-laka, Boom-a-laka, Boom, Bates, Boom!"

Beloit—"B-E-L-O-I-T, Rah! Rah! Rah!"

Bethany (Kan.).—"Ki-I-Ki-I-Ki-Hippi-Ki-I-Bethany-she-is Hi-Hi-Hi!"

Boston University.—"Boston, Boston, B-B-B-Boston, 'Varsity, 'Varsity, Rah! Rah! Rah!"

Bowdoin.—"B-o-w-d-o-i-n, Rah, Rah, Rah!"

Brigham Young.—"Ru Ri B Y, Ru Ri B Y, Ru Ry Re, B. Y. C.!"

Brown University.—"Rah! Rah!—Rah! Rah!—Rah! Rah!—Brown Brown Brown—Ki Yi Ki Yi Ki Yi—Hicki Hicki Hoorah!" (three times).

Buchtel.—"Hoo-Ray-Rah-Roo, Wah-Hoo, Wah-Hoo Hallaballoo, Hallaballoo, 'Rah, 'Rah, 'Rah, Buchtel!"

Bucknell University.—"Yah! Yah! Yoo! Bucknell! B. U.! Wah! Hoo! Hoo! Wah! Bang!"

Carthage.—"Rat-a-ta-throt! ta-throt! ta-throt! Tear-a-ta-lake! ta-lake! ta-lake! Kick-a-ma-bah! kick-a-ma-bah! Carthage College! Rah! Rah! Rah!"

Case School Applied Sciences.—"Hoo! Rah! Ki! Rah! S-C-I-E-N-C-E! Hoi! Hoi! Rah! Rah! Case!!"

Central Univ. of Iowa.—"C. U. I. Rah! Rah! Hurrah! Hurrah! Central, Central, Rah! Rah! Rah!"

Central Univ. of Ky.—"Razzle dazzle, razzle dazzle! Sis, boom! Ah! Central University, Rah! Rah! Rah!"

Central Wesleyan—"Zip Zap, Knowledge! Bing, Bang, Clee! Cent'l Wesleyan College! Ree, Rah, Ree!"

Centre.—"Rackety-cax! Coax! Coax! (twice) Hooray! Hooray! Centre, Centre, Rah! Rah! Rah!"

Christian University.—"Boom-araka, boom-araka, boom-araka-ree; Rip-izipi, rip-izipi, rip-izipi-zee, Who are we? Christian University!"

Claflin University.—"Rah! Rah! Rah! Claf-lin-i-a!"

Clemson Agri. College.—"Rah, Rah, Rah; Re Re Re, Rip, Rah; Rip, Rah; C. A. C. Zip Boom!"

Coe.—"Zip, Boom, Gee, C-O-E-Rah, Rah, Rah-Coe!"

Colby University.—"C-O-L-B-Y, Rah! Rah! Rah!" (three times.)

Colgate University.—"Hip hoorah, rah-rah, rah-rah· Hip hoorah rah-rah, rah-rah; Colgate. Colgate, Rah-Rah-Rah; Colgate!"

College of Emporia.—"Hoorah, Hoorah U-pi-dee! Hoorah!! Tiger!!! C. of E.!"

College of the City of New York.—"'Rah, 'Rah, 'Rah, C. C. N. Y.!"

Colorado.—"Pike's Peak or Bust! Pike's Peak or Bust! Colorado College! Yell we must!"

Columbia University.—"Ray 'Ray 'Ray C-o-l-u-m-b-i-a!"

Columbian University.—"Whang! Bang! Sis! Boom! Ah! Columbian! Columbian! Rah! Rah! Rah!"

Cornell College.—"Zipp, Siss, Boom, Caw-w, Ca-w-w-nell; C. C. Tiger-la, Zipp Zipp Hurrah!!!"

Cornell University.—"Cornell! I Yell Yell Yell! Cornell!"

Cotner University.—"Cotner Cotner Cotner the Cotner University—Don't you see!"

Cumberland University.—"Allegaro-garo-garan! Hi-yip, Ki-yip! Cumberland, Cumberland!"

Dartmouth.—"Wah hoo wah! wah hoo wah! da-da-da, Dartmouth! wah hoo wah! T-i-g-e-r!"

Davidson.—"Hey Lo, Hi ho! Wah, hoo, wah, Davidson, Ra, Ra, Ra!"

Delaware.—"D-E-L-A-Ware-Siss-Boom-Tiger-Rah! Rah! Rah!"

Denison University.—"Heike! Heike! Rah, rah, rah, hoorah, hoorah, Denison! Denison!"

De Pauw University.—"Zip, Rah, Who! D-P-U! Rip, Saw! Boom! Bah! Bully for old De Pauw!"

Des Moines.—"Three times three, D. M. C.! Rah, rah, rah! Rah. rah, rah! Rah, rah, rah! Des Moines!"

Dickinson.—"Hip-rah-bus-bis—Dickinsonien—Sis—Tiger!"

Doane.—"Do-Do, Do-Ra-Me, Fa-Fa, Sol-La-See, D-o-a-n-e, DOANE!!!"

Drake University.—"White and Blue, White and Blue, What's the matter with old D. U. Blue and White, Blue and White, Drake University—she's all right!"

Earlham.—"Rah, rah, rah; ri, ro, rem; E-A-R-L-H-A-M; thee! thou! rah!!!"

Emory.—"Osky-wow-wow! Skinny-wow! Wow-wow! Emory!"

Emory and Henry.—"Rah! Rah! Rah! Sispoo bah! Emory and Henry, Wah-hoo! Wah!"

Fisk University.—"Clickety! Clackety! Sis! Boom! Bah! Fisk University! Rah! Rah! Rah!"

Franklin (Ind.).—"F-r-a-n-k-l-i-n! Hurrah! Hurrah! We are her men! Boom-wah-boom! Wah, hoo-wah! Franklin, Franklin, rah, rah, rah!"

Franklin and Marshall.—"Hullabaloo, bala! (twice) Way-up, Way-up! F. and M.! Nevonia!"

Georgetown (D. C.).—"Hoya! Hoya! Saxa! Hoya! Hoya! Georgetown Hoya! Horah Doray Hal I Hickey, Hickey, Kai, Kai, Moky, Moky, Hay I, Toe mei!"

Georgetown (Ky.).—"Hullabaloo! Kanuck! Kanuck! Belle of the Blue! Kentuck! Kentuck! Hooray! Hoo! Georgetown, too! Rah!!"

Grant University.—"Hoo 'rah 'rah; Hoo 'rah 'rah; Grant, Grant, rah, rah, rah!"

Greeneville and Tusculum.—Whoop La, Unaka, Nolachucky, Chum! Whoop La, Rah, Rah, Greeneville and Tusculum!"

Greensboro (Female) College.—"Rah! Rah! Rah! Hip poo pee! We are the Girls of G. F. C.!"

Guilford.—"Boom la yo! Boom la yo! Guilford, Guilford, Ho! Ho! Ho!"

Hamilton.—"Rah! Rah! Hamilton! Road! Road! Road!"

Hamline University.—"Boom get a rat trap! Bigger than a cat trap! Boom get a rat trap! Bigger than a cat trap! Boom! Cannibal! Cannibal! Zip! Boom! Bah! Hamline! Hamline! Rah! Rah! Rah!"

Hanover.—"Han-Han-Han-Han-o-ver!"

*Harvard University.**—"Rāh rāh rāh! rāh rāh rāh! rāh rāh rāh—Harvard!"

Haverford.—"Yo-Yo-Yo! (three times) Ha-*er-ford!*"

Heidelberg University.—"Kili-kilik! Rah, rah! Zit, zit! Ha! Ha! Ya! Hoo! Bam! Zoo! Heidelberg!"

Hillsdale.—"Hull-a-baloo, Wah, Whoo! (twice) Whoo, Wah, Wah, Whoo, Hillsdale!"

Hobart.—"Hip, Ho-bart! Hip, Ho-bart! Hip, Ho! Hip, Ho! Hip, Ho-bart!"
Howard University.—"Rah, rah, rah! Howard, Howard! Rah, Rah, Re!"
Illinois.—"Rah hoo rah, Boom a la ka, kick-a-rick-a-roi, Old Illinois, Boom zip boom, Tiger-zah!"
Illinois Wesleyan University.—"Wes-ley-an! Hoo-rah! Hoo-rah! (twice) Hoo-rah! Hoo-rah! I.-W.-U.-Rah! Bully for Wesley-an!"
Indiana University.—"Gloriana, Frangipana, Indiana Kazoo Kazah! Kazoo Kazah Hoop la! Hoop la! State University! Rah! Rah! Rah!"
Iowa State College.—"A-M-E-S! Rah! Rah! Rah! Rah! A-M-E-S! Rah! Rah! Rah! Rah! Hoo Rah! Hoo Ray! Ames College! I-O-A!"
Iowa Wesleyan University.—"Rah, rah, rah! Hip, hi, hoo! I.-W.-U.!"
Johns Hopkins University.—"Hullaballoo, Kanuck, Kanuck! Hullaballoo, Kanuck, Kanuck! Hoorah! Hoorah! J. H. U.!"
Kansas Wesleyan University.—"Hoorah, Hoorah, Wesleyan, Wesleyan, Rah, Rah, Rah!"
Kenyon.—"Hika, Hika, Hika, K-e-n-y-o-n, Kenyon, Kenyon!"
King.—"K. C. Ow! K. C. Ow! K. C. Bristol! Wow-Wow-Wow!"
Knox.—"Zip rah! Boom rah! Knoxia! Knoxi! Knox! Knox! KNOX!"
Lafayette (Pa.).—"Rah! Rah! Rah! Lafayette!"
Lawrence University.—"L-A-W-R-E-N-C-E! rah, rah, boom, rah, rah!"
Lehigh University.—"Hoo-rah-ray! Hoo-rah-ray! Ray, ray, ray, Lehigh, Lehigh, Lehigh!"
Leland Stanford, Jr., University.—"Rah-Rah-Rah-Rah (twice) Rah! Rah—Stanford!"
Lenox.—"Tis no lie, 'tis no bluff! Lenox College pretty hot stuff!"
Lincoln University (Ill.).—"Ki-yi-Moc-Kohn, Ra-ha—Lin-coln!"
Livingstone.—"Rah-rah-re, Who are we? Don't you see, Liv-ing-stone-stone-stone!"
Lombard University.—"Ra, re, ri, re! Ring, ching, rang! Lombard! Lombard! Zip, boom, bang!"
Louisiana State Univ.—"Rah! Rah! Rah! Rah! Rah! Ree! Louisiana! Louisiana! State Uv.!"
Manhattan.—"Rah! Rah! Rah! (three times) Manhattan!"
Marietta.—"Rah! Rah! Rah! Rah! Rah! Rah! Ma-ri-et-ta, Rah! Rah! Rah!"
Maryville.—"Howee, how! Chilhowee! Maryville, Maryville, Tennessee!"
Massachusetts Agricultural.—"Rah! Rah! Rah-rah-rah! A-G-G-I-E-Rah-Rah, Rah-Rah-Rah!"
Mass. Inst. Tech.—"M. I. T. rah, rah, rah! M. I. T. rah, rah, rah! M. I. T. rah, rah, rah! Technology!"
McKendree.—"Rah, rah, rah! Hip, hi, he! Zip, boom! Rip, boom! McKen-dree!"
Mercer University.—"Rah! Rah! Rah! Uni-vee Siss-Boom-Bah! Ver-si-tee Mercer."
Miami University.—"Rah—Rah—Rah—M-I-A-M-I—Mi-am-I, Miami!"
Michigan Agricultural.—"Hip! Hip! Hurrah! Hurrah! Hurrah! Uzz! Uzz! Uzz! M. A. C.!"
Middlebury.—"Midd', Midd', Middlebury! rah, rah, rah!"
Midland.—"Rah! Rah! Rah!; Mid! Land! Ah!; Zip! Kan! Boomerang!; Rah! Rah! Rah! R-a-y!"
Mills (Woman's).—"Mills College, Zip, boom, bah! M. C. M. C., rah, rah, rah!"
Milton.—"Hoorah, Hoorah, for old Milton! Hoorah every daughter and son!"
Mississippi A. & M.—"Hullabaloo, zip, bah! Hollabaloo, rip, rah! Hollaboom, sollyboom, lee, rah, zis! Lee, rah, ris! Lee, rah, ziss! A. & M. Miss.!"
Missouri Valley.—"Wah-hoo-wah! Wah-hoo-wee! Hoo-rah! Hi-rah! M. V. C.!"
Monmouth.—"Ho rah Ho roo Depa la Depa loo Rah si ki yi, Hot, Cold, wet or dry, get there Eli, Monmouth!"
Moore's Hill.—"Alle-ka-zook! Koax! Koax! Terre-o-rex! O-rex! O-rex! Hulla-ba-loo! Hulla-ba-la! Moore's Hill! Moore's Hill! Rah! Rah! Rah!"
Mt. Holyoke.—"H-o-l-y-o-k-e, Hol-yoke, Hol-yoke, are we?" (The cheer is sung by the girls.)
Mt. St. Mary's.—"Rah! Rah! Rah! Rah! Siss! Boom! Ah! Mt. St. Mary's! Ha! Ha! Ha!"
Mt. Union.—"Karo, Kēro, Kiro, Kēē! Rah, Rah, Rah, for M. U. C.! Alikezenion, Alikezunion! Rah, Rah, Rah, for old Mt. Union!"
Muhlenberg.—"Rah, Rah, Rah, Rah, Muhlenberg!"
Nebraska Wesleyan University.—"Boom rah boom rah an, We We Wesleyan! Ne Ne Nebraskan O——man!"
Nevada State University.—"Wah Hoo Wah! Zip Boom Ah! Rah Rah Rah Nevada!"
New York Univ.—"Rah! Rah! Rah! N. Y. U., Siss! Boom! Ah! New York! New York! New York!"
Niagara University.—"Rah, Rah, Rah, Ray, Ray, Ray N-I-A-G-A-R-A!"
Northwestern College (Ill.).—"Rah! Rah! Hoo-Rah! Rah! Rah! Hoo-Rah! Who Rah? You Rah, North-Western, Rah! Rah! Rah!"
Northwestern University (Ill.).—"Rah! Rah! Rah! U. Northwestern (Rah! five times)."
Notre Dame University.—"Rah! Rah! Rah! Rah! Rah! Rah! The Gold, The Blue, Hoorah! Hoo! Notre Dame, Notre Dame, N. D. U.!"
Oberlin.—"Hi!-O!-Hi, O!-Hi! O! Hi! Hi! O! Hi, O-ber-lin!"
Ohio State University.—"Wahoo, Wahoo, Rip, Zip, Bazoo! I yell, I yell, for *O. S. U.!*"
Ohio University.—"Wah-hoo, wah-hoo, Rip, rah, O-U-O-hi-O-U! Tiger!"
Ohio Wesleyan University.—"O-we-wi-wow! A-la-ka-zu-zi-zow! Ra-zee-zi-zu! Viva! viva! O. W. U.!"
Ottawa University.—"Ottawa, Ottawa! Hoorah, Hoorah, Ottawa 'Versity! Rah, Rah, Rah!"
Otterbein University.—"Whoop, Hip, Whoop, Whoo! O. U., O. U.! Hi-O-mine, Ot-ter-bein, Whoop, Hip, Whoo!"
Oxford.—"Boom-a-ling, Boom-a-ling Rip-Rah-Ro, Oxford College, O-hi-o!"
Park.—"P-A-R-K! Rah, rah, rah! Siss, boom, ah! Booma-lacka, booma-lacka! Boom! Park! Boom!"
Parsons.—"Hi, yi! Hi, yi! Hippycanuri! Parsons!"
Pennsylvania College.—"Brackey Corax, Corix, Roree, Brackey Corax, Corix, Coree, Heigh Oh! Umpty Ah! Hulla Belloo, Bellee, Bellah, Gettysburg, Gettysburg, Gettysburg! Rah, Rah-Rah!"
Pennsylvania Military.—"Hurrah! Hurrah! Hurrah! P. M. C. C. C., Attention! Halt!"
Penna. State.—"Yell, yell, yell, again, we're from the land of William Penn! State! State! State!"
Polytechnic Institute (Brooklyn).—"Rah! Rah! Rah! Poly!" (three times.)
Portland University.—"Kang-a-ga-ra, ga-ra, ga-zoom! Portland 'Varsity' zip-ra-boom!"
Princeton University.—"Hooray! Hooray! Hooray! Tiger! Sis! Boom! ah! Princeton!"
Purdue.—"Purdue! Purdue! Rah-rah! Rah-rah! (twice) Hoo-rah! Hoo-rah! Bully for old Purdue!"
Randolph-Macon College.—"Rip, rah, rah! rip, rah, rah! Randolph-Macon Virginia! Callero! Callero! Yah-Yah-Yah!"
Rensselaer Polytechnic Institute.—"Rah, rah, rah! Rah, rah, rah! Rensselaer!"
Roanoke.—"Rah! Rah! Rah! R—O—A, ! Rah! Rah! Rah! N—O—K! Roanoke!!!"
Rollins.—"Rah! Rah! Rah! Rollins!"
Rose P. I.—"R-P! R-P! Rah-Rah! Rah-Rah! (Hoo-rah! 3 times) Rose Polytechnic! Rah! Rah! Rah!"
Rutgers.—"Rah! rah! rah! bow-wow-wow! Rutgers!"
State University of Iowa.—"Haw, Haw, Hawk; Hi, Hi, Hi; Hawkeye, Hawkeye; S. U. I.!"
State University (Ky.).—"S. U.—Rah, rah, rah, rah (twice) Hurrah! Hurrah! State University—Rah, rah, rah!"

Stevens Institute of Technology.—"Boom—rah! Boom—rah! Boom-rah-Stevens!"
St. Francis Xavier.—"Rah—rah—rah! Rah—rah—rah! X-A-V-I-E-R! Xavier!!"
St. John's (Md.).—"Rah, Rah, Rah! St. John's!"
St. John's (N. Y.).—"Rah! Rah! Rah! F-O-R-D-H-A-M! Fordham! and Rah-Rah-Rah—F-O-R-D-ham-ham-ham, Fordham!"
St. Lawrence University.—"Rah, rah, rah, Rah, rah, rah, Rah, rah, rah, Laurentia!"
St. Mary's (Kan.).—"Hoop-la, Hoop-la. Who can guess? S-t. M-A-R-Y-S!"
Swarthmore.—"Rah Rah! Rah Rah Rah! Rah Rah! Rah Rah Rah! Swarthmore!"
Syracuse University.—"Hip, Hoo, Rah! Hip, Hoo, Rah! Syracuse! Syracuse! Rah-rah-rah!"
Tabor.—"Boom-a-lack-a, boom-a-lack-a, Bow-wow-wow, Ching-a-lack-a, ching-a-lack-a, chow-chow-chow, Boom-a-lack-a, Ching-a-lack-a, Who are we, Who's from Tabor, We, we, we!!!"
Talladega.—"Ra ra ra, Ra ra ra, Talladegah, Alabamah, R-r-r-r-a!"
Tarkio.—"Rip, bang! hip ho! get there, rain or snow! Set fire! Tarkio!!!"
Trinity, Hartford.—"Trinity! Trinity! boom-rah! boom-rah! Trinity!"
Tufts.—"Rah rah rah, rah rah Tufts! T-u-f-t-s-Rah rah rah!" (twice.)
Tulane University.—"Rah! Rah! Zip! Boom! Ah! Rah! Rah! Tulane!!"
University of Alabama.—"Rackety, Yack, de Yack, de Yack! Rackety, Yack, de Yack, de Yack! Hullabaloo, Hullabaloo, How d'you Do, How d'you Do, V-a-r-s-i-t-y!"
Univ. of Arkansas.—"Boomalacka Boomalacka wah whoo rā, Razzle dazzle gobble, gobble U. of A.!"
University of California.—"Ha! Ha! Ha! Cal-i-for-ni-a! U. C. Berkeley! Zip! Boom! ah!"
University of Chicago.—"Chicago, Chicago, Chicago, go! Go it Chica-go it Chica-go it Chica-go!"
Univ. of Cincinnati.—"Heila, Heila, Heilagan! Heila, Heila, Ha! Cincinnati Varsity, Rah! Rah! Rah!"
University of Colorado.—"I yell, all yell, we come pell-mell, Boom-rah, ra-zoo-Colorado State U.!"
University of Denver.—"U, U, U, of D, Den-ver, Ver-si-ty! Kai Gar Wa-hoo Zip boom—D. U.!"
University of Georgia.—"Hoo-rah-rah! Hoo-rah-rah! Rah! Rah! GEORGIA!"
University of Idaho.—"Rah! Rah! Rah! (twice) Idaho! Id a ho! Boom! Bay! Bah!"
University of Illinois.—"Rah-hoo-rah, Zip boom ah! Hip-zoo! rah-zoo! Jimmy, blow your bazoo! Ip-zidyiki, U. of I.! Illinois!!!"
University of Kansas.—"Rock-Chalk! Jay-Hawk! K. U.!"
University of Maine.—"Rah, rah, rah, Rah, rah, rah, Rah, rah, rah, Maine!"
Univ. of Mich.—"U. of M. Hurrah! Hurrah! Hoo-ráh! Hoo-ráh! Michigan! Michigan! ráh! ráh! ráh!"
Univ. of Minnesota.—"Rah, rah, rah, Ski-U-mah—hoo-rah! hoorah! Varsity—Varsity! Minne-so-ta!"
University of Mississippi.—"Rah! R h! Rah! Sis boom bah! Mississippi, Mississippi, Rah, rah, rah!"
University of Missouri.—"Tiger! Tiger! M. S. U.! (three times) Rah!"
University of Nashville.—"Rickety ix, Ski ix, Ski ix, Rah Rah Rah! Rickety ix, Ski ix, Ski ix, Rah Ha Rah, Nashville!"
University of Nebraska.—"U, U, Uni-Ver-Ver-Ver-Si-ty-Ne-bras-ki-Oh My!!!"
University of North Carolina.—"Yackety yack Hooray hooray! (twice) Carolina Varsity Boom Rah, Boom Rah, Car-o-li-na!"
Univ. of North Dakota.—"Odz-dzo-dzi! Ri-ri-ri! Hy-ah! Hy-ah! North Dakota!" and Sioux war cry.
University of Oklahoma.—"Hi Rickety Whoop te do, Boomer! Sooner! Okla. U!"
Univ. of Omaha.—"Rah, rah, hah! Zip! Boom! Bah! U-ni-versity O-ma-ha!"
University of Oregon.—"Rah Rah Rah! Rah Rah Rah! Rah Rah Oregon!"
University of Pennsylvania.—"Hoo-rah! Hoo-rah! Hoo-rah! Penn-syl-va-ni-a!"
University of Rochester.—"Hoi, Hoi, Hoi, Rah. Rah, Rah! Rochester!"
University of South Dakota.—"Da-ko-tá, Da-ko-tá, Uni-vi of Da-ko-tá!"
University of Tennessee.—"U. of T.! Rah! rah! Rah! rah! (twice) Hur-rah! Hur-rah! Tennessee! Tennessee! Rah! rah! rah!"
Univ. of Texas.—"Hullabaloo! Hooray, Hooray! (twice) Hooray! Hooray! Varsity! Varsity! U. T. A.!"
University of the Pacific.—"Hi! Ho! He!! Oh! U. P. P-a-c-i-f-i-c University!" (three times.)
Univ. of the South.—"Rah! Rah! Ree! Vár-Si-Teé, Hey, hip! Hey, hip! Sé-Wá-Née! Sewánee, Rah! Se-Wá-Nee, Rah! Sewánee, TIGER, S-s-s-s, Boom! Ah-h-h-h-h-h!"
University of Utah.—"Rah Rah, Rah! (three times) Utah!"
University of Vermont.—"Rah, rah, rah! Rah, rah, rah! Vermont, Vermont! Rah, rah!"
University of Virginia.—"Wah! hoo! wah! Wah! hoo! wah! U-n-i-v. Virgin-i-a!"
Univ. of Wash.—"U. of W.! Hiah, hiah! U. of W.! Siah, siah! Skookum, skookum, Wash-ing-ton!"
University of Wisconsin.—"U-Rah-Rah-Wis-con-sin!" (repeated three times with a tiger.)
Univ. of Wyoming.—"Rah Rah Rah! Zip boom Zee! Let 'ergo, let 'ergo Varsity! y-y-Wy-o-ming!!!"
U. S. Military Academy.—"Rah! Rah! Ray! Rah! Rah! Ray! West Point! West Point! Armay!"
Upper Iowa University.—"Hawkeye! Hawkeye! U! I! U!!"
Vanderbilt Univ.—"Vanderbilt, Rah, Rah! (twice) Hoo Rah Hoo Rah Varsity Varsity Rah, Rah, Rah!"
Virginia Polytechnic Inst.—Polytechs! Vir-gin-i-a! Rae! Ri! V. P. I.!"
Wabash.—"Hoorah! Hoorah! Hoorah! Smash! Hurrah for the Scarlet of Old Wabash! Hip Skitty Bow-wow, Wah-hoo-wah! Wabash! Wabash! Rah! Rah! Rah!"
Wake Forest.—"Rah! Rah! Rah! Whoop-la Ve 'Or et Noir' and W. F. C.!"
Washburn.—"Rah, Rah! Rah, Rah, Rah! Washburn! Washburn! Rah, Rah, Rah!"
Wash. and Jefferson.—"Wich-i-Koáx, Koáx, Koáx! Wich-i-Koax, Koax, Koax! W. and J. Boom!"
Westevan University.—"Rah! Rah! Rah! Rah! Wes-ley-an-a! Rah! Rah! Rah! Rah! Rah!"
Western Reserve Union.—"R-e-s-e-r-v-e, Rah, Rah, Re-serve!" (three times.)
Western University of Pennsylvania.—"Allegheneé! Genack! Genack! Hooray! Wup!"
Western Maryland.—"Rah, rah, rah! Rah, rah, ree! Rah, rah, hullabaloo! W-M-C!"
Westminster (Fulton, Mo.).—"Rah! Rah! Rah! Oh! yes, Sir! Vive-la, Vive-la, Westminster!"
Westminster (Pa.).—"Rah, rah, rah, Oh—yes-sir, vive la, vevelø West-min-ster!"
West Virginia University.—"Rah! Rah! Rhee! W. V. U.! Sis Boo Mah, Tiger!!"
Wheaton.—"Rah! Rah! Rah! (twice) Wheaton! Wheaton! Rah! Rah! Rah!"
Whitman.—"Breke-Ke-Kex, Koax, Koax (bis), ho-up, ho-up, parabaloo, Whitman!"
Wilberforce University.—"Rha! Rha!! Rha!!! Wilberforce! Wilberforce! Rha! Rha!! Rha!!!"
Willamette University.—"Rah, Rah, Rah, Zip, boom, bah, Old Willamette, Ha, ha, ha!"
William Jewell College.—"Yah Yah, Wow, Wow, Wee; Yaka, Zu Zi Zee; Vivela, Vivela W. J. C.!"
Wofford.—"Hackey! Hackey! Hackey! Sisboon! Rah! W. C., Rah! Rah! Rah!"
Worcester Polytechnic Institute.—"Rah, Rah, Rah! Worcester Polyteck! Polly, Wolly, Olley, Molly, Worcester Polyteck!"
*Yale University.**—"Rah, Rah, Rah! Rah, Rah, Rah! Rah, Rah, Rah! Yale!"
Yankton.—"O! Y! Hah! Hah! Hah! Yankton! Yankton! Rah! Rah! Rah! Hah! Wah! Bish! Boom! Bah! Yankton! Yankton! I-Lank-ton-w h!"

* The difference between the cheers of Harvard and Yale lies in the length of time it takes to give them. Harvard's cheer is long and deep; Yale's quick and sharp.

(Communicated to THE WORLD ALMANAC by the Presidents of the respective institutions.)

Adelphi College.....Brown and Gold.
Alabama Polytechnic Institute..Orange and Blue.
Allegheny College.....Navy Blue and Old Gold.
Amherst College.....Purple and White.
Armour Institute of Technology Yellow and Black.
Atlanta University.....Steel Gray and Crimson.
Augustana College.....Blue and Gold.
Baker University.....Cadmium Orange.
Baldwin University.....Brown and Yellow.
Barnard College.....Blue and White.
Bates College.....Garnet.
Beloit College.....Gold.
Berea College.....Blue and Cream
Bethany College (Kan.).....Blue and Yellow.
Boston University.....Scarlet and White.
Bowdoin College.....White
Brown University.....Brown and White.
Bryn Mawr College.....Yellow and White.
Buchtel College.....Old Gold and Navy Blue.
Bucknell University.....Orange and Navy Blue.
Carleton College.....Maize.
Catholic University of America..White and Gold.
Central Tennessee College.....Brown and Yellow.
Clemson Agricultural College...Orange and Blue.
Colby University.....Gray.
Colgate University.....Maroon and Orange.
College City of New York.....Lavender.
Colorado College.....Black and Gold.
Columbia University.....Light Blue and White.
Columbian University.....Orange and Blue.
Cornell College (Iowa).....Royal Purple.
Cornell University.....Carnelian and White.
Cotner University.....Blue and White.
Cumberland University.....Blue, White, and Green.
Dartmouth College.....Green.
Denison University.....Red.
De Pauw University.....Old Gold.
Dickinson College.....Red and White.
Drake University.....Blue and White.
Drury College.....Scarlet and Gray.
Park University.....Blue and Gold.
Fort Worth University.....Navy Blue and Gold.
Franklin and Marshall College. Blue and White.
Franklin College (Ind.).....Navy Blue and Old Gold.
Geneva College.....White and Gold.
Georgetown College (D. C.).....Blue and Gray.
Georgetown College (Ky.).....Orange and Black.
Girard College.....Steel and Garnet.
Grant University.....Old Gold and Navy Blue.
Hamilton College.....Blue and Buff.
Hampton Institute.....Blue and White.
Hanover College.....Dark Red and Dark Blue.
Harvard University.....Crimson.
Hedding College.....Blue and Orange.
Heidelberg University.....Orange, Black, and Red.
Hillsdale College.....Ultra-Marine (Blue).
Hiram College.....Maroon and Light Blue.
Howard University.....Red, White, and Blue.
Illinois College.....White and Blue.
Illinois Wesleyan University....White and Olive Green.
Indiana University.....Crimson and Cream.
Iowa College.....Scarlet and Black.
Iowa State College.....Cardinal and Gold.
Iowa Wesleyan University.....Purple and White.
John B. Stetson University.....White and Gold.
Johns Hopkins University.....{Official—Black and Old Gold. {Students—Black and Blue.
Kansas Wesleyan University...Old Gold and Purple.
Kentucky University.....Orange and Blue.
Kenyon College.....Mauve.
Lafayette College (Pa.).....Maroon and White.
Lake Forest University.....Black and Ruby Red.
Lehigh University.....Brown and White.
Leland University.....Dark Blue.
Leland Stanford, Jr., Univ....Cardinal.
Manhattan College.....Green and White.
Marietta College.....Navy Blue and White.
Maryville College.....Garnet and Orange.
Mass. Agricultural College.....Maroon and White.
Mass. Institute of Technology...Cardinal and Silver Gray.
McKendree College.....Royal Purple.
Michigan Agricultural College..Olive Green.
Miss. Agri. and Mech. College..Maroon and White.
Mount Holyoke College.....Light Blue.
Mount Union College.....Royal Purple.
Muhlenberg College.....Cardinal and Steel.
Nebraska Wesleyan University..Yellow and Brown.
Nevada State University.....National Blue.
New York University.....Violet.
Northwestern College (Ill.).....Cardinal and White.
Northwestern University (Ill)...Royal Purple.
Notre Dame University.....Gold and Blue.
Oberlin College.....Crimson and Gold.
Ohio University.....Olive Green and White.
Ohio Wesleyan University.....Black and Scarlet.
Olivet College.....Crimson.
Ottawa University.....Sunflower Yellow.
Otterbein University.....Cardinal and Tan.
Oxford College.....Yellow and Blue.
Park College.....Wine and Canary.
Penn College.....Navy Blue and Old Gold.
Pennsylvania College.....Orange and Dark Blue.
Polytechnic Inst. (Brooklyn)...Blue and Gray.
Portland University (Ore.).....Crimson.
Pratt Institute (Brooklyn).....Cadmium Yellow.
Princeton University.....Orange and Black.
Purdue University.....Old Gold and Black.
Randolph-Macon College.....Orange and Black.
Richmond College (Va.).....Crimson and Blue.
Ripon College.....Crimson.
Rollins College.....Royal Blue and Old Gold.
Rutgers College.....Scarlet.
Scio College.....Purple and Gold.
Seton Hall College.....Dark Blue and White.
Shurtleff College.....Red and Yellow.
Simpson College.....Red and Old Gold.
Smith College.....White.
Southwestern Presbyterian Univ. Red and Gray.
State University of Iowa.....Old Gold.
State University (Ky.).....Old Gold and Crimson.
Stevens Inst. of Technology...Silver Gray and Crimson.
St. Francis Xavier College.....Maroon and Pale Blue.
St. John's College (N. Y.).....Maroon.
St. Lawrence University.....Scarlet and Brown.
St. Louis University.....Gold, White, and Blue.
Swarthmore College.....Garnet.
Syracuse University.....Orange.
Tarkio College.....Purple and Cream.
Taylor University.....Brown and Lavender.
Teachers' College (N. Y. City)..Light Blue.
Thiel College.....Blue and Gold.
Trinity College (Hartford).....Blue and Old Gold.
Tufts College.....Brown and Blue.
Tulane University.....Olive and Blue.
Union Christian College.....Royal Purple.
Union Theological Seminary....Crimson.
University of Alabama.....Crimson and White.
University of Arkansas.....Cardinal.
University of California.....Blue and Gold.
University of Chicago.....Maroon.
University of Cincinnati.....Red and Black.
University of Colorado.....Gold and Silver.
University of Denver.....Red and Gold.
University of Georgia.....Red and Black.
University of Idaho.....Yellow and White.
University of Illinois.....Navy Blue and Orange.
University of Kansas.....Crimson and Blue.
University of Maine.....Light Blue.
University of Michigan.....Maize and Blue.
University of Minnesota.....Old Gold and Maroon.
University of Mississippi.....Dark Purple.
University of Missouri.....Old Gold and Black.
University of Montana.....Gold, Silver, and Copper.
University of Nashville.....Blue and Garnet.
University of Nebraska.....Scarlet and Cream.
University of North Carolina...White and Blue.
University of North Dakota.....Pink and Green.
University of Omaha.....Old Gold and Royal Purple.
University of Oregon.....Yellow (Oregon Grape Color).
University of Pennsylvania.....Red and Blue.
University of Rochester.....Dandelion Yellow.
University of South California..Red and Gold.
University of South Dakota.....Vermilion.
University of the South.....Royal Purple and Gold.
University of Tennessee.....Orange and White.
University of Texas.....White and Orange.
University of Utah.....Silver and Crimson.
University of Vermont.....Green and Gold.
University of Virginia.....Blue and Orange.
University of Washington.....Purple and Gold.
University of Wisconsin.....Cardinal.
University of Wooster.....Gold and Black.
U. S. Military Academy.....Black, Gray, and Gold.
Upper Iowa University.....Peacock Blue.
Vanderbilt University.....Black and Gold.
Vassar College.....Rose and Gray.
Wash'n and Jefferson College...Red and Black.
Washington and Lee University.Blue and White.
Washington University.....Myrtle and Maroon.
Wellesley College.....Blue.
Wells College.....Cardinal.
Wesleyan University.....Cardinal and Black.
Western Reserve University....Crimson and White.
Western Univ. of Pennsylvania.Old Gold and Navy Blue.
West Virginia University.....Old Gold and Blue.
Willamette University.....Cardinal and Old Gold.
Williams College.....Royal Purple.
Yale University.....Dark Blue.

Phi Beta Kappa.

THE National Council, Phi Beta Kappa, is composed of fifty different college chapters in union. At the triennial session at Saratoga Springs, N. Y., September 7, 1898, the following officers and Senators were elected: President, J. A. De Remer, Schenectady, N. Y.; Vice-President, Prof. J. C. Van Benschoten, Middletown, Ct.; Secretary and Treasurer, Rev. E. B. Parsons, D. D., Williamstown, Mass.; Senators, Joseph H Choate, New York City; J. A. De Remer, Schenectady, N. Y.; T. E. Hancock, Syracuse, N. Y.; Prof. Samuel Hart, D. D., Hartford, Ct.; Col. T. W. Higginson, Cambridge, Mass.; Seth Low, New York City; H. W. Mabie, New York City; Prof. F. A. March, Easton, Pa.; H. E. Scudder, Cambridge, Mass.; Prof. J. C. Van Benschoten, Middletown, Ct.; Prof. S. E. Baldwin, New Haven, Ct.; Prof. H. L. Chapman, Brunswick, Me.; President D. C. Gilman, Baltimore, Md.; Rev. E. E. Hale, Roxbury, Mass.; Bishop J. F. Hurst, Washington, D. C.; Col. William Lamb, Norfolk, Va.; Prof. F. P. Nash, Geneva, N. Y.; Rev. E. B. Parsons, Williamstown, Mass.; President C. F. Thwing, Cleveland, O.; Prof. Adolph Werner, New York City.

The Peabody Education Fund.

IN 1867 and 1869 George Peabody established a fund of $3,500,000, to be devoted to education in the Southern States of the Union. Unfortunately, $1,380,000 of this amount was in Mississippi and Florida bonds, which those States repudiated. The fund was placed in the charge and control of 15 trustees, of which the Hon. Robert C. Winthrop, of Massachusetts, was the chairman. Mr. Peabody died in London in 1869. The trustees hold meetings annually, usually in New York. They fill vacancies caused by death or resignation. But one of the original trustees survives—Ex-Senator Evarts. The present trustees are: William M. Evarts, who is President of the board; Chief Justice Fuller, First Vice-President; Rt. Rev. Bishop Whipple, Second Vice-President; Hon. Jabez L. M. Curry, LL. D., General Agent; Joseph H. Choate, J. Pierpont Morgan, of New York; President William McKinley, of Ohio; Samuel A. Green, Richard Olney, and George F. Hoar, of Massachusetts; William Wirt Henry, of Virginia; ex-Mayor William A. Courtenay, of South Carolina; James D. Porter, of Tennessee; Henderson M. Somerville, of New York; President D. C. Gilman, of Johns Hopkins University; George Peabody Wetmore, of Rhode Island, and Charles E. Fenner, of Louisiana. Dr. Curry is general agent of the fund, with headquarters at Washington, D. C., and has charge of the distribution of the fund in the several Southern States. In its earlier history, the chief aim of the fund was to encourage and secure the establishment of public school systems for the free education of all children. That having been accomplished, the income of the fund is now used for the training of teachers through Normal Schools and Teachers' Institutes. At its session in October, 1896, the board declared it to be inexpedient to close the Trust in February, 1897, the power to do which was left to its discretion. In the thirty-one years since the organization of the Trust, over $2,585,182 for education has been spent, as the income of the sum left by Mr. Peabody. Mr. J. Pierpont Morgan is the Treasurer.

The John F. Slater Fund.

IN 1882 Mr. John F. Slater, of Connecticut, placed in the hands of trustees the sum of $1,000,000, for the purpose of "uplifting the lately emancipated population of the Southern States and their posterity." For this patriotic and munificent gift the thanks of Congress were voted, and a medal was presented. Neither principal nor income is expended for land or buildings. Education in industries and the preparation of teachers are promoted in institutions believed to be on a permanent basis. The board consists of D. C. Gilman, of Johns Hopkins University, as President; Chief Justice Fuller, as Vice-President; Morris K. Jesup, as Treasurer; J. L. M. Curry, as Secretary and General Manager, and Bishops Potter and Galloway, and Messrs. William E. Dodge, William A. Slater, John A. Stewart, Alexander E. Orr, ex-Governor Northen, and Wm. L. Wilson. The fund is a potential agency in working out the problem of the education of the negro, and over half a million of dollars has already been expended. Schools established by States, denominations, and individuals are helped by annual donations. Among the most prominent are the Hampton Normal and Industrial, the Spelman, the Tuskegee, and schools at Orangeburg, S. C.; Tongaloo, Miss.; Marshall, Tex.; Raleigh, N. C.; New Orleans, the Meharry Medical College at Nashville, etc.

National Educational Association.

President—E. Oram Lyte, Millersville, Pa. *Secretary*—Irwin Shepard, Winona, Minn. *Treasurer*—I. C. McNiel, West Superior, Wis. Depository of Association at 450 Pennsylvania Avenue, Washington, D. C. Object—To elevate the character and advance the interests of the profession of teaching, and to promote the cause of public education in the United States. Annual dues for active members and for associate members, $2. Annual meetings of the General Association are held in July. There are about 2,000 active, and an average of 8,000 associate members. The Association has a permanent invested fund of about $65,000.

American Library Association.

President—Reuben G. Thwaites, Secretary and Superintendent of the Wisconsin State Historical Society, Madison, Wis. *Vice-Presidents*—Edwin H. Anderson, Carnegie Library, Pittsburgh; Mary W. Plummer, Pratt Institute Free Library, Brooklyn; Ernest C. Richardson, Princeton University Library, New Jersey. *Secretary*—Henry J. Carr, Scranton (Pa.) Public Library. *Recorder*—Helen E. Haines, *Library Journal*, New York City. *Treasurer*—Gardner M. Jones, Salem (Mass.) Public Library.

The American Library Association is a national body, organized in 1876, and incorporated in 1879. Its motto is: "The best reading, for the largest number, at the least cost." The Association seeks in every practicable way to develop and strengthen the public library as an essential part of the American educational system. It therefore strives by both individual effort and local organization to stimulate public interest in establishing and improving libraries, and thereby bring the best reading within the reach of all. The present membership of the Association is over 600 in number, and its successive annual meetings have been held in various places so as to accommodate all sections of the United States and Canada.

The next conference of the American Library Association, its twenty-second general meeting, is to be held at Montreal early in June, 1900.

University Extension.

THE American Society for the Extension of University Teaching was founded at Philadelphia in June, 1890. Its objects are: To organize groups of people into centres and to bring together these centres and competent lecturers, chosen from the list of instructors, whose qualifications to teach have been passed upon by the Society; to coöperate as far as possible with institutions of learning and other bodies with the purpose of bringing to the many the best thought of the few; to keep the University Extension idea before the country by the Society's representatives and publications. It offers:

First—Education by means of systematic courses of lectures and classes in the subjects usually taught at high schools and universities.

Second—Illustrated lectures and classes in literature, art, and science, with the purpose of teaching the appreciation of the beautiful, and rendering life more interesting and enjoyable.

Third—Lectures and classes in history, civics, and economics, designed to aid the citizen in studying the problems of free government and modern life, and to encourage a sense of responsibility, habits of sound thinking, and right conduct.

The Board of Directors of the American Society are: Charles A. Brinley, M. G. Brumbaugh, Charles E. Bushnell, Isaac H. Clothier, John H. Converse, Walter C. Douglas, Theodore N. Ely, Charles C. Harrison, William H. Ingham, John S. Macfarlish, Frederick B. Miles, Henry S. Pancoast, Joseph G. Rosengarten, Justus C. Strawbridge, and Stuart Wood. The officers are: President, Charles A. Brinley; Treasurer, Frederick B. Miles; Secretary, John Nolen.

Since the organization there have been delivered under its auspices 5,084 lectures, usually in courses of six lectures each; the average attendance at each lecture has been 186, and the aggregate attendance 953,676. The average annual attendance at courses is 17,500, and of this number 10 per cent pursue the systematic reading and study recommended by the lecturers. During 1898-99 seven courses of lectures were given in Philadelphia to audiences made up mainly of artisans; the total attendance was 4,144.

From Philadelphia the movement has extended to many States. In Rhode Island Brown University has organized many centres. In New York the University of the State, through its Secretary, Melvil Dewey, has arranged for Extension lectures in many important towns and cities. Rutgers College, as the agricultural college of New Jersey, has offered scientific courses especially for the farmers of the State. The Universities of Wisconsin, Indiana, Kansas, and California have done much for their respective States. Chicago University has provided a special University Extension Division, with three departments: (1) Lecture-study; (2) Class-work; (3) Correspondence. Conferences held from time to time in Philadelphia have been an important feature of the movement. The Society publishes valuable syllabi, giving a careful outline of the lectures, together with lists of recommended books and questions for essays in connection with the lecture courses. Circulars and information in reference to the movement can be obtained by addressing John Nolen, Secretary, Fifteenth and Sansom Streets, Philadelphia, Pa.

The Chautauqua System of Education.

President—Clem. Studebaker, South Bend, Ind. *Chairman of Executive Committee and Acting Manager*—Wilson M. Day, Cleveland, O. *Secretary*—W. A. Duncan, Syracuse, N. Y. *Chancellor*—John H. Vincent, Topeka, Kan. *Superintendent of Department of Instruction*—G. E. Vincent, Chicago, Ill. New York State Summer School. Charles E. Skinner, Albany, N. Y. *Superintendent.*

The Chautauqua Assembly was organized in 1874 as the result of a joint plan of Lewis Miller and John H. Vincent. It holds annual sessions during July and August at Chautauqua, N. Y. The plan includes courses of instruction in language, literature, science, and art, lecture courses, musicales, recitals, and concerts, and various forms of entertainment and recreation.

The Chautauqua Literary and Scientific Circle, Kate F. Kimball, Cleveland, O., Executive Secretary, was organized at Chautauqua in 1878, with the aim of continuing the influence of the Assembly throughout the year in all parts of the country. Since that time more than two hundred and fifty thousand members have been enrolled. The Circle aims to promote habits of reading and study in history, literature, science, and art, in connection with the routine of daily life. The course seeks to give "the college outlook" on the world and life. The essentials of the plan are: A definite course covering four years, each year's course complete in itself; specified volumes approved by the counsellors, allotment of time by the week and month, a monthly magazine with additional readings and notes, a membership book with review outlines, and other aid. Individual readers may have all the privileges, and local circles may be formed by three or four members. The time required is about one hour daily for nine months. Certificates are granted to all who complete the course. Seals are affixed to the certificates which are granted for collateral and advanced reading. Any one may become a member of the C. L. S. C. by sending an application, together with 50 cents (the annual fee), to Chautauqua Assembly, General Offices, Cleveland, O.

Catholic Summer School of America.

President—Rev. Michael J. Lavelle, LL. D., New York. *First Vice-President*—Rt. Rev. Mgr. James F. Loughlin, D. D., Philadelphia, Pa. *Second Vice-President*—Hon. Thomas J. Gargan, Boston, Mass. *Treasurer*—Rev. John F. Mullany, LL. D., Syracuse, N. Y. *Secretary*—Warren E. Mosher, A. M., Youngstown, Ohio. *Chairman Executive Committee*—Hon. John B. Riley, Plattsburg, N. Y. *Chairman Board of Studies*—Rev. Thomas McMillan, C. S. P., New York. *Chairman Reading Circle Board*—Rev. Morgan M. Sheedy, Altoona, Pa.

A Roman Catholic Chautauqua or Summer School was opened at New London, Ct., in the Summer of 1892 under the auspices of distinguished clergymen and laymen, and the first meetings were held from July 30 to August 14. The association has since acquired a site at Cliff Haven, near Plattsburg, N. Y., on Lake Champlain, upon which the necessary buildings have been erected, and here the Summer School is held annually in July and August. The work of the institution is continued throughout the year by means of reading circles and study clubs on the University Extension plan.

Freemasonry.

THE DEGREES IN MASONRY.

Lodge.

1. Entered Apprentice.
2. Fellow Craftsman.
3. Master Mason.

YORK RITE.

Chapter.

4. Mark Master.
5. Past Master.
6. Most Excellent Master.
7. Royal Arch Mason.

Council.

8. Royal Master.
9. Select Master.
10. Super Excellent Master.

Commandery.

11. Red Cross Knight.
12. Knight Templar.
13. Knight of Malta.

SCOTTISH RITE.

Lodge of Perfection.

4. Secret Master.
5. Perfect Master.
6. Intimate Secretary.
7. Provost and Judge.
8. Intendant of the Building.
9. Elect of Nine.
10. Elect of Fifteen.
11. Sublime Knight Elect.
12. Grand Master Architect.
13. Knight of the Ninth Arch.
14. Grand Elect Perfect and Sublime Mason.

Councils of Princes of Jerusalem.

15. Knight of the East or Sword.

Councils of Princes of Jerusalem (Continued).

16. Prince of Jerusalem.

Chapters of Rose Croix.

17. Knight of the East and West.
18. Knight of the Rose Croix de H. R. D. M.

Consistories of Sublime Princes of the Royal Secret.

19. Grand Pontiff.
20. Master Ad Vitam.
21. Patriarch Noachite.
22. Prince of Libanus.
23. Chief of the Tabernacle.
24. Prince of the Tabernacle.

Consistories of Sublime Princes of the Royal Secret (Continued).

25. Knight of the Brazen Serpent.
26. Prince of Mercy.
27. Commander of the Temple.
28. Knight of the Sun.
29. Knight of St. Andrew.
30. Grand Elect Knight, K. H., or Knight of the Black and White Eagle.
31. Grand Inspector Inquisitor Commander.
32. Sublime Prince of the Royal Secret.
33. Sovereign Grand Inspector-General of the 33d and Last Degree.

MASONIC GRAND LODGES IN THE UNITED STATES AND BRITISH AMERICA.

Grand Lodges.	No. Members. 1898-99	Grand Secretaries.	Grand Lodges.	No Members. 1898-99	Grand Secretaries.
Alabama	12,005	H. C Armstrong, Montg.	Nevada	837	C N. Noteware, Carson.
Arizona	618	G. J. Roskruge, Tucson	N Brunswick	1 757	J Twining Hartt, St John.
Arkansas	13 305	F. Hempstead, Little Rock.	N Hampshire	9,224	G. P. Cleaves Concord
Brit. Columb	1 339	W J. Quinlan Victoria	New Jersey	16 970	T. H. R. Redway Trenton.
California	19 542	G Johnson, San Francisco.	New Mexico	881	A. A. Keen Albuquerque.
Canada	23,996	J. J. Mason Hamilton	New York.	98 180	E M. L. Ehlers, N. Y. City
Colorado	7 605	Ed. C. Parmelee, Denver	N. Carolina	10,500	John C. Drewry, Raleigh.
Connecticut	17 232	John H Barlow, Hartford	North Dakota	2 871	F. J. Thompson, Fargo.
Delaware	2,176	B. F. Bartram, Wilmington	Nova Scotia	3,453	William Ross, Halifax.
Dist. of Colum	5,298	W. R. Singleton, Wash.	Ohio	42,848	J. H. Bromwell, Cincin'ti.
Florida	4,187	W.P. Webster, Jacksonville.	Oklahoma	1,456	J S. Hunt, Stillwater.
Georgia	18,611	W A. Wollihin, Macon.	Oregon	5,090	Jas. F. Robinson, Eugene.
Idaho	1,240	Theop. W. Randall, Boise	Pennsylvania	52 060	Wm. A. Sinn, Philadelphia
Illinois	54,080	J. H. C. Dill, Bloomington.	Pr Ed. Island	525	N MacKelvie, Summerside
Indiana	29,954	W. H. Smythe, Indianapolis.	Quebec	3 590	J. H. Isaacson. Montreal.
Indian Ter.	3,450	J. S. Murrow, Atoka.	Rhode Island	5,164	E Baker, Providence.
Iowa	27,907	T. S. Parvin, Cedar Rapids	S. Carolina	5 840	C Inglesby, Charleston.
Kansas	20,103	Albert K. Wilson, Topeka.	South Dakota	4,460	G. A. Pettigrew, Flandreau
Kentucky	18,402	H. B. Grant, Louisville.	Tennessee	17,248	John B. Garrett, Nashville.
Louisiana	5,476	R. Lambert, New Orleans.	Texas	30 852	John Watson, Houston.
Maine	22,191	Stephen Berry, Portland.	Utah	807	C. Diehl. Salt Lake City.
Manitoba	2,669	W. G. Scott, Winnipeg	Vermont	9,886	W. G. Reynolds, Burlington
Maryland	7,784	J. H. Medairy, Baltimore.	Virginia	13,072	G W. Carrington, Richm'd
Massach'setts	39,334	S. D. Nickerson, Boston.	Washington	4,663	T M. Reed, Olympia.
Michigan	40,387	J. S. Conover, Coldwater.	W Virginia	6,251	G. W. Atkinson, Wheeling
Minnesota	15,906	T. Montgomery, St. Paul.	Wisconsin	17,226	J. W. Laflin, Milwaukee.
Mississippi	9 010	J. L. Power, Jackson.	Wyoming	1,046	W.L. Kuykendall, Saratoga
Missouri	31,360	J. D. Vincil, St Louis.			
Montana	2,850	Cornelius Hedges, Helena.	Total	836,549	
Nebraska	11,775	Francis E. White, Omaha.			

The returns of the Grand Lodges of the United States and British America for 1898-99 were as follows: Whole number of members, 836,549; raised, 43 542; admissions and restorations, 20,473; withdrawals, 16,889; expulsions and suspensions, 669; suspensions for non-payment of dues, 19 122; deaths, 12,542. Gain in membership over preceding year, 19,322.

These Grand Lodges are in full affiliation with the English Grand Lodge, of which the Prince of Wales is Grand Master, and the Grand Lodges of Ireland, Scotland Cuba, Peru, South Australia, New South Wales, Victoria, and Mexico, and also with the Masons of Germany and Austria. They are not in affiliation and do not correspond with the Masons under the jurisdiction of the Grand Orient of France; they, however, affiliate with and recognize Masons under the jurisdiction of the Supreme Council. Freemasonry is under the ban of the Church in Spain Italy, and other Catholic countries, and the membership is small and scattered.

FREEMASONRY—*Continued.*

ROYAL ARCH MASONS.

OFFICERS OF THE GENERAL GRAND CHAPTER, 1897-1900.

General Grand High Priest—Reuben C. Lemmon, Toledo, O.
Dep Gen. Grand High Priest—James W. Taylor, Luthersville, Ga.
Gen. Grand King—A. G. Pollard, Lowell, Mass.
Gen. Grand Scribe—Joseph E. Dyas, Paris, Ill.
Gen. Grand Treasurer—Wm. Wente, Manistee, Mich.
Gen. Grand Secretary—Christopher G Fox, Buffalo.
Gen. Grand Captain of the Host—William C. Swain, Milwaukee.
Gen. Grand Principal Sojourner—Nathan Kingsley, Austin, Minn.
Gen. Grand Royal Arch Captain—Bernard G. Witt, Henderson, Ky.
Gen. Grand Master 3d Vail—Geo. E. Corson, Washington.
Gen. Grand Master 2d Vail—Frederick W. Craig, Des Moines, Iowa.
Gen. Grand Master 1st Vail—William F. Kuhn, Kansas City, Mo.

The office of the General Grand Secretary is at Buffalo, N. Y.

The number of grand chapters, each representing a State or Territory (except Pennsylvania and Virginia), is 44, and the number of enrolled subordinate chapters is 2,235, exclusive of 18 subordinate chapters in the Territories of the United States, the Sandwich Islands, Chile, and the Chinese Empire, which are under the immediate jurisdiction of the General Grand Chapter.

The total membership of the enrolled subordinate chapters is 177,628. The degrees conferred in Chapters are Mark Master, Past Master, Most Excellent Master, and Royal Arch Mason. The next triennial meeting will be held at Cincinnati, in September, 1900.

The Grand Secretarial Guild of Freemasonry of North America was organized at the triennial convocation of Royal Arch Masons at Minneapolis in July, 1891. It is an association of Grand Secretaries and Grand Recorders of North America for the purpose of systematizing the secretarial labors of Freemasonry. The Guild meets twice every three years at the triennial convocations of the General Grand Chapter and Triennial Conclaves of the Grand Encampment. The officers are: *President*, Theodore S. Parvin, Cedar Rapids, Iowa; *Secretary*, William R. Bowen, Omaha, Neb.; *Treasurer*, William H. Mayo, St. Louis, Mo.

KNIGHTS TEMPLARS.

OFFICERS OF THE GRAND ENCAMPMENT OF THE UNITED STATES OF AMERICA.

Grand Master—Reuben H Lloyd, Cal.
Deputy Grand Master—Henry B. Stoddard, Tex.
Grand Generalissimo—George M. Moulton, Ill.
Grand Captain-General—H. W Rugg, R. I.
Grand Senior Warden—William B. Melish, O.
Grand Junior Warden—Joseph A. Locke Me.
Grand Treasurer—H. Wales Lines, Ct.
Grand Recorder—William H. Mayo, St. Louis, Mo.

The office of the Grand Master is at San Francisco, Cal., and of the Grand Recorder at St. Louis, Mo The next triennial conclave (the twenty-eighth) will be held at Louisville, Ky., on the fourth Tuesday in August, 1901.

The number of grand commanderies in the United States and Territories, each representing individual States and Territories (except that Massachusetts and Rhode Island are combined), is 43.

The number of commanderies under the jurisdiction of the Grand Encampment is 1,012; membership, 116,992. These are exclusive of subordinate commanderies in Delaware, Idaho, Nevada, New Mexico, Sandwich Islands, South Carolina, and Utah, with a membership of 1,412. Total membership, 118,404.

The orders conferred in a commandery of Knights Templar are Red Cross, Knight Templar, and Knight of Malta. A Mason to obtain these orders must be a Master Mason and Royal Arch Mason in good standing, and a member of both lodge and chapter.

ANCIENT ACCEPTED SCOTTISH RITE MASONS.

SUPREME COUNCIL OF SOVEREIGN GRAND INSPECTORS-GENERAL OF THE THIRTY-THIRD AND LAST DEGREE.

OFFICERS OF THE NORTHERN MASONIC JURISDICTION.

M. P. Sovereign Grand Commander.....Henry L. Palmer, Wis.
P. Gr. Lt.-Com.—Samuel C. Lawrence, Mass.
Gr. Min. State—N. R. Ruckle, Ind.
Gr. Treasurer-Gen.—Newton D. Arnold, R. I.
Gr Secretary-Gen.—Clinton F. Paige, N. Y.

The personal address of the Grand Secretary-General is Binghamton, N. Y. and the official address is 133 Stewart Building, New York City.

OFFICERS OF THE SOUTHERN MASONIC JURISDICTION.

M. P. Sovereign Grand Commander.....Thomas H. Caswell, Cal.
Secretary-General.....Frederick Webber D. C.

The addresses of both of these officers are No. 433 Third Street, N. W., Washington, D C.

These grand bodies are in relations of amity with the Supreme Councils for France, England, Scotland, Ireland, Belgium, Brazil, the Argentine Republic, Uruguay, Paraguay, Peru Portugal, Italy Mexico, Colombia, Chile, Central America, Greece, Canada, Cuba, Switzerland, Egypt, Tunis, and Spain.

SOVEREIGN COLLEGE OF ALLIED MASONIC DEGREES FOR THE UNITED STATES OF AMERICA.

Sovereign Grand Master—Rev Hartley Carmichael, D. D. *Deputy Grand Master*—William Ryan. *Grand Abbot*—Right Rev A. M. Randolph, D. D. *Grand Senior Warden*—Frederick Webber. *Grand Junior Warden*—A. R. Courtney. *Grand Almoner*—Josiah H. Drummond. *Grand Recorder-General*—Charles A. Nesbitt. *Grand Bursar*—John Frederick Mayer. *Grand Representative in England*—The Earl of Euston. The addresses of the Sovereign Grand Master and Grand Recorder-General are Richmond, Va.

The Sovereign College governs the degrees of Ark Mariner, Secret Monitor, Tylers of Solomon, St. Lawrence the Martyr, Knight of Constantinople, Holy and Blessed Order of Wisdom, and Trinitarian Knight of St. John of Patmos, and is in communion with the Grand Council of Allied Masonic Degrees of England and Grand Ark Mariner's Council of England. It is the only Masonic body in the world that confers, in addition to ritual degrees, academic degrees, which it gives *honoris causa*. Its highest honor of this kind is "Doctor of Universal Masonry." Only the following Masons possess it: Prince Demetrius Rhodocanakis, of Greece; the Earl of Euston and William James Hughan, of England; D. Murray Lyon, of Scotland, and Josiah H. Drummond, of Maine.

FREEMASONRY—*Continued.*

ROYAL ORDER OF SCOTLAND.

OFFICERS OF THE PROVINCIAL GRAND LODGE FOR THE UNITED STATES OF AMERICA.

Prov. Grand Master—Josiah H. Drummond, Me.
Prov. Dep. Grand Master—Thos. H. Caswell, Cal.
Prov. Senior Grand Warden—Geo. M. Moulton, Ill.
Prov. Junior Grand Warden—Charles H. Fisk, Ky.
Prov. Grand Secretary—W. Oscar Roome, D. C.
Prov. Grand Treasurer—Thos. J. Shyrock, Md.
Prov. Grand Sword Bearer—F. M. Highley, Pa.
Prov. Grand Banner Bearer—Nich. Coulson, Mich.
Prov. Grand Chaplain—Rev. H. Carmichael, Va.
Prov. First Grand Marischal—G. E. Corson, D. C.
Prov. Second Grand Marischal—J. H. Olcott, D. C.
Prov. Grand Steward—Allison Nailor, Jr., D. C.
" " " Wm. Bromwell Melish, O.
" " " Harrison Dingman.
" " " H. H. Williams, Hawaii.
Prov. Grand Guarder—James Hays Trimble, D.C.

This Provincial Grand Lodge has jurisdiction over the whole United States, and was instituted in 1878 with the late Bro. Albert Pike as Provincial Grand Master. It has no subordinate bodies, and the membership is 271. It holds its charter from the Grand Lodge of the Royal Order of Scotland, at Edinburgh. The office of the Provincial Grand Master is at Portland, Me.; of the Provincial Grand Secretary at Washington, D. C.

SOVEREIGN SANCTUARY OF ANCIENT AND PRIMITIVE FREEMASONRY.

RITE OF MEMPHIS—IN AND FOR THE CONTINENT OF AMERICA.

M. I. Grand Master-General.. H. G. Goodale, 96°
M. I. Grand Administrator-General. W. F. Ford, 95°
V. I. Grand Chancellor-General. J. S. Phillips 95°
V. I. Grand Secretary-General.. E. T. Stewart, 95°

J. Adelphi Gottlieb, M.A., M.D., LL.D., Legate of the M. I. Grand Master-General and Sovereign Sanctuary to Foreign Countries. M. A. Gottlieb, 95°, Deputy Grand Representative and Assistant Grand Examiner Mystic Temple. Office of Deputy Grand Secretary-General and Grand Examiner of the Mystic Temple, State of New York, 304 West One Hundred and Fourth Street, New York City.

The Sovereign Sanctuary is composed of Masons who have received the 95th degree of Patriarch Grand Conservator of the Rite; and has jurisdiction over the continent of America. It was formally instituted in the United States in the year 1856. The American body is in affiliation with the various Masonic powers of the world and has a regular exchange of Representatives with England, Ireland, New Zealand, Italy, Spain, Roumania, Egypt, etc. The Degrees of the Rite, which are ninety of instruction and seven official, are conferred in the subordinate bodies of the Rite thus. Fourth to 18th degree in a Chapter Rose Croix; 19th to 42d degree in a Senate of Hermetic Philosophers; 43d to 90th degree in a Council of Sublime Masters of the Great Work.

The A. and P. Rite of Memphis acknowledges the Blue Lodge as the fundamental basis of the institution, to which the Masonic allegiance of all its members is due, and from which there can be no deviation; therefore no Mason can be allowed to join the Masonic Order of Memphis unless he is a Master Mason of a lodge in good standing, working under a Grand Lodge of Free and Accepted Masons.

COLORED MASONIC BODIES.

There are thirty-one grand lodges in as many different States of the United States and one in Canada. The Prince Hall Grand Lodge, of Massachusetts, is the oldest lodge, having been organized in the year 1808. It was the outgrowth of African Lodge, No. 459, the warrant for which was granted to Prince Hall and fifteen other colored Masons September 24, 1784. The number of colored Masons in the United States and Canada is 35,113; Royal Arch, 13,000; Knights Templar, 10,335; Nobles of the Mystic Shrine, 1,326; Ancient Accepted Scottish Rite Masons, 5,712. The Grand Lodge of New York, organized in 1848, has jurisdiction over thirty-three lodges, located in different parts of the State. The total membership is about 1,100. Enoch R. Spaulding, Oswego, N. Y., is Grand Master.

Nobles of the Mystic Shrine.

THE Ancient Arabic Order of the Nobles of the Mystic Shrine is not a regular Masonic body, but its membership is composed strictly of Masons who have reached the 32d degree, A. A. S. Rite (18th degree in England), or Knights Templars in good standing. There are 81 temples in the United States, and a total membership of about 52,000.

The following are the imperial officers for the United States for 1900: *Imperial Potentate*, John H. Atwood, Leavenworth, Kan.; *Imperial Deputy Potentate*, Lou. B. Winsor, Reed City, Mich.; *Imperial Chief Rabbun*, Philip C. Shaffer, Philadelphia, Pa.; *Imperial Assistant Rabbun* Henry C Akin, Omaha, Neb.; *Imperial High Priest and Prophet*, George H. Green, Dallas, Tex.; *Imperial Oriental Guide*, George L. Brown, Buffalo, N. Y.; *Imperial Treasurer*, William S. Brown, 520 Wood Street, Pittsburgh, Pa.; *Imperial Recorder*, Benjamin W. Rowell, 28 School Street, Boston Mass.; *Imperial First Ceremonial Master*, Henry A. Collins, Toronto, Can.; *Imperial Second Ceremonial Master*, Rial S. Peck, Hartford, Ct.; *Imperial Marshal*, Alvah P. Clayton, St. Joseph, Mo.; *Imperial Captain of Guards*, Archibald N. Sloan, Chattanooga, Tenn.; *Imperial Outer Guard*, Edwin I. Alderman, Cedar Rapids, Ia. The Order of the Nobles of the Mystic Shrine was instituted by the Mohammedan Kalif Alee, the cousin-german and son-in-law of the Prophet Mohammed, in the year of the Hegira 25 (A. D. 656), at Mekkah, in Arabia, as an Inquisition, or Vigilance Committee, to dispense justice and execute punishment upon criminals who escape their just deserts through the tardiness of the courts, and also to promote religious toleration among cultured men of all nations.

Sheikhs of the Kaaba, Defenders of the Mystic Shrine.

GRAND COUNCIL for the Western Hemisphere: *Grand Sheikh ul Allah*, Max Scheuer, 358 Broadway, New York; *Grand Sheikh Khasat*, John H. Russell; *Grand Sheikh Mambar*, Charles Sotheran; *Grand Sheikh Baxesh*, William H. Peckham; *Grand Sheikh Fakir*, P. F. D. Hibbs.

Order of the Eastern Star.

THIS is a society composed of Masons in good and regular standing and their wives, mothers, sisters, and daughters, and the widows of Masons. No other persons are eligible to membership. The organization took its rise in the City of New York in 1868. The order has extended over the United States, and there are now twenty-eight grand chapters in as many States. In the State of New York there are 135 chapters and a membership of 9,181, thirty-two chapters being in New York and Brooklyn. The principal officers of the New York Grand Chapter are. *M. W. Grand Matron*, Mrs M. Eva Williams, Binghamton; *R. W. Grand Secretary*, Mrs. Christiana Buttrick, New York City; *R. W. Grand Treasurer*, Mrs. Emma A. Smith, Brooklyn.

Odd Fellowship.

SOVEREIGN GRAND LODGE OF THE INDEPENDENT ORDER OF ODD FELLOWS.

OFFICERS.

Grand Sire—A. S. Pinkerton, Worcester, Mass.
Deputy Grand Sire—A. C. Cable, Covington, Ohio.
Grand Secretary—J. Frank Grant, Baltimore, Md.
Assistant Grand Secretary—Elvin J. Curry, Baltimore, Md.
Grand Chaplain—Rev. J. W. Venable, Hopkinsville, Ky.
Grand Marshal—J. B. Cockrum, Indianapolis, Ind.
Grand Guardian—J. W. Bourlet, Concord, N.H.
Grand Messenger—C. F. Lumsden, Raleigh, N. C.

GRAND LODGES AND MEMBERSHIP.
(Reported to the Annual Communication in 1899.)

JURISDICTION.	No. of Members	JURISDICTION.	No. of Members	JURISDICTION.	No. of Members
Alabama	4,370	Lower Prov., B. N. A.	5,042	Oklahoma Territory	1,997
Arizona	790	Maine	20,621	Ontario	23,052
Arkansas	4,533	Manitoba	3,334	Oregon	6,103
British Columbia	2,845	Maryland	8,482	Pennsylvania	106,121
California	30,373	Massachusetts	50,981	Quebec	2,795
Colorado	7,982	Michigan	24,767	Rhode Island	6,187
Connecticut	16,778	Minnesota	14,856	South Carolina	1,104
Delaware	2,582	Mississippi	1,872	South Dakota	3,813
District of Columbia	1,766	Missouri	29,301	Tennessee	7,915
Florida	1,125	Montana	3,451	Texas	10,560
Georgia	4,630	Nebraska	9,772	Utah	1,548
Idaho	1,913	Nevada	1,260	Vermont	4,933
Illinois	51,863	New Hampshire	12,804	Virginia	10,999
Indiana	46,541	New Jersey	24,269	Washington	7,197
Indian Territory	2,272	New Mexico	913	West Virginia	9,473
Iowa	38,691	New York	76,652	Wisconsin	15,602
Kansas	22,120	North Carolina	4,425	Wyoming	1,147
Kentucky	8,837	North Dakota	2,393		
Louisiana	1,563	Ohio	62,372	Total	829,669

The membership of the Independent Order of Odd Fellows, which includes the Grand Lodges of Australasia, Germany, Denmark, Sweden, and Switzerland, is 859,929, female members not included. The American organization is not in affiliation with an English order entitled the Manchester Unity of Odd Fellows, who number 900,668.

The Encampment branch of the Independent Order of Odd Fellows numbers 128,267 members; Rebekah lodges, sisters, 190,007; brothers, 123,156; Chevaliers of the Patriarchs Militant, 16,169. The next meeting of the Sovereign Grand Lodge will be at Richmond, Va., September 17-22, 1900.

The total relief paid by the Independent Order of Odd Fellows, year ending December 31, 1898, was $3,422,986.50; brothers relieved, 98,277; widowed families relieved, 5,854; paid for relief of brothers, $2,612,303.25; for widowed families, $145,078.35; education of orphans, $40,996.89; burying the dead, $624,608.01.

GRAND UNITED ORDER OF ODD FELLOWS OF AMERICA.

OFFICERS.

Grand Master—E. H. Morris, Chicago, Ill.
Deputy Grand Master—A. B. Lattimore, Boston, Mass.
Grand Treasurer—J. E. Reed, Cleveland, Ohio.
Grand Secretary—C. H. Brooks, Philadelphia, Pa.
Assistant Grand Secretary—E. B. Van Dyke, Philadelphia, Pa.
Grand Directors—Geo. E. Temple, St. Louis, Mo.; L. L. Lee, Atlanta, Ga.; T. R. W. Jackson, Mobile, Ala.; B. T. Thornton, Indianapolis, Ind.

This organization is composed of colored Odd Fellows. The following is the statistical report for August 31, 1897: Lodges enrolled, 2,281; households, 1,070; P. G. M. Councils, 182; Patriarchies, 88; D. G. Lodges, 36. Total, 3,657.

Members in the lodges, according to last report, 118,500; households, 31,000; P. G. M. Councils, 3,937; Patriarchies, 2,100. Whole number of members, 155,537.

Paid to sick during year, $198,423.82; paid to widows and orphans, $40,360.29; paid for funerals, $96,400. Amount invested and value of property, $1,867,597.

Independent Order of Good Templars.

THE INTERNATIONAL SUPREME LODGE.

R. W. G. Templar—Jos. Malins, Birmingham, Eng.
R. W. G. Counselor—Geo. F. Cotterill, Seattle, Wash.
R. W. G. V. Templar—Mrs. D. C. McKellar, Denny, Scotland.
R. W. G. S. J. Templars—Miss Jessie Forsyth, Boston, Mass.
R. W. G. Secretary—B. F. Parker, Milwaukee, Wis.
R. W. G. Treasurer—W. Martin Jones, Rochester, N. Y.
P. R. W. G Templar—Dr. D. H. Mann, Brooklyn, N. Y.
R. W. G. Chaplain—Rev. F. B. Boyce, Sydney, New South Wales.
R. W. G. Marshal—John Fox Smith, Port Elizabeth, Africa.
R. W. G. D. Marshal—Miss Charlotte A. Gray, 11 Blythwood Road, London, England.
R. W. G. A. Secretary—D. C. Cameron, Dunedin, New Zealand.
R. W. G. Guard—Peder Svendsen, Trondhem, Norway.
R. W. G. Sentinel—Geo. Irving, Vernon River Bridge, Prince Edward Island.
R. W. G. Messenger—Miss Emilie Lindquist, Estof, Sweden.

The last report of the R. W. G. Secretary returned the number of grand lodges in the world as 100, and the membership as 403,287. The membership of the juvenile branch was 172,839. The Good Templars, which is a beneficial order, based on total abstinence, are organized in nearly every State of the Union, England, Ireland, Scotland, Wales, Germany, Denmark, Sweden and Norway, Canada, West Indies, East, West, and South Africa, Australia, New Zealand, British India, Iceland, and other countries. All persons becoming members of the Order are required to subscribe to the following pledge: "That they will never make, buy, sell, use, furnish, nor cause to be furnished to others, as a beverage, any spirituous or malt liquors, wine, or cider, and will discountenance the manufacture and sale thereof in all proper ways." The International Supreme Lodge will hold its next biennial meeting at Stockholm, Sweden, second Tuesday in July, 1902.

Order of the Sons of Temperance.

NATIONAL DIVISION OF NORTH AMERICA.

M. W. Patriarch—A. G. Lawson, D. D., Camden, N. J.
M. W. Associate—Mrs. A. M. Nixon, Roxbury, Mass.
M. W. Scribe—B. R. Jewell, Stoneham, Mass.
M. W. Treasurer—J. H. Roberts, Boston, Mass.
M. W. Chaplain—Rev. George W. Fisher, Newcastle, N. B.
M. W. Conductor—J. M. Walton, Kettleby, Ont.
M. W. Sentinel—John C. Clark, Bay View, Prince Edward Island.
M. W. Supt. Y. P. Work—F. M. Bradley, Washington, D. C.

The Order of the Sons of Temperance was organized in the city of New York, September 29, 1842. It is composed of subordinate, Grand, and National Divisions. It has four National Divisions—one for North America, one for Great Britain and Ireland, and two for Australia. In the course of its existence it has had nearly four million members on its rolls. Its present membership in North America is 38,248, of whom 14,848 are in the United States. Its fundamental principle is total abstinence from all intoxicating liquors. Its next convention will be held at Dalton, Mass., July 11-14, 1900.

Knights of Pythias.

SUPREME LODGE.

Supreme Chancellor—Thomas G. Sample, Pa.
Supreme Vice-Chancellor—Ogden H. Fethers, Wis.
Supreme Prelate—James Moulson, N. B.
Supreme Keeper of Records and Seal—R. L. C. White, Nashville, Tenn.
Supreme Master of Exchequer—T. D. Meares, N. C.
Supreme Outer Guard—J. W. Thompson, D. C.
Supreme Inner Guard—William Simmons, Del.
Supreme Master at Arms—H. A. Bigelow, Wash.
President Board of Control—J. A. Hinsey, Ill.
Major-General Uniform Rank—J. R. Carnahan, Ind.

MEMBERSHIP, JANUARY 1, 1899.

Alabama	7,556	Illinois	37,124	Michigan	11,437	N. Dakota	1,757	Vermont	1,277
Arizona	711	Indiana	38,645	Minnesota	7,613	Ohio	55,972	Virginia	4,533
Arkansas	4,421	Indian Ter.	1,622	Mississippi	5,389	Oklahoma	1,073	Washington	3,798
Br. Columbia	1,332	Iowa	24,844	Missouri	19,759	Ontario	1,163	W. Virginia	7,134
California	11,075	Kansas	11,286	Montana	2,021	Oregon	3,525	Wisconsin	8,226
Colorado	6,172	Kentucky	6,242	Nebraska	5,863	Pennsylv'nia	40,448	Wyoming	722
Connecticut	6,087	Louisiana	6,334	Nevada	786	Rhode Island	2,953	Subordinate lodges	715
Delaware	1,038	Maine	12,350	New Hamp.	5,403	S. Carolina	4,770		
Dis. of Col.	1,238	Manitoba	379	New Jersey	12,959	S. Dakota	1,920		
Florida	2,817	Mar. Prov's.	1,254	New Mexico	820	Tennessee	8,377	Total	470,798
Georgia	5,795	Maryland	6,953	New York	19,881	Texas	14,160		
Idaho	1,165	Massach'tts	14,617	N. Carolina	4,172	Utah	1,115		

The phrase "subordinate lodges" above designates lodges in the Hawaiian Islands, Mexico, and the Province of Quebec, where there are no grand lodges. Membership of the Uniform Rank (military branch), 45,680. Membership of the Endowment Rank (life insurance branch), 57,401, representing an endowment of $104,240,000. Total paid beneficiaries to July 1, 1899, $13,611,000. The office of the Supreme Keeper of Records and Seal is at Nashville, Tenn. Next convention of the Supreme Lodge will be held at Detroit, Mich., August 28, 1900.

The Royal Arcanum.

SUPREME COUNCIL.

Supreme Regent—W. Holt Apgar, Trenton, N. J.
Supreme Vice-Regent—J. A. Langfitt, Pittsburgh, Pa.
Supreme Orator—A. S. Robinson, St. Louis, Mo.
Sitting Past Supreme Regent—Edson M. Schryver, Baltimore, Md.
Supreme Secretary—W. O. Robson, Boston, Mass.
Supreme Treasurer—E. A. Skinner, New York.
Supreme Auditor—A. T. Turner, Jr., Mass.
Supreme Chaplain—E. A. Dow, Wisconsin.
Supreme Warden—Isaac W. Caulfield, N. Y. City.
Supreme Sentry—Carl Moller, Missouri.
Legal Adviser—John Haskell Butler, Boston, Mass.

The membership of the Order September 30, 1899, was 190,727; the number of grand councils, 23, and subordinate councils, 1,752. The Supreme Council was organized at Boston June 23, 1877, and incorporated under the laws of Massachusetts. Number of deaths to September 30, 1899, 18,539. Benefits paid to September 30, 1899, $53,781,689.61.

Membership of Fraternal Organizations.

ACCORDING to the last reports of the supreme bodies of these organizations to THE WORLD ALMANAC, the membership of the principal fraternal organizations in the United States and Canada is as follows:

Odd Fellows*	985,206
Freemasons*	871,662
Knights of Pythias	470,798
Modern Woodmen of America	427,766
Ancient Order of United Workmen	373,289
Improved Order of Red Men	213,679
Royal Arcanum	190,727
Knights of the Maccabees	188,071
Junior Order of United American Mechanics	183,508
Foresters of America	154,909
Independent Order of Foresters	150,000
Woodmen of the World	114,643
Ancient Order of Hibernians of America	105,983
Knights of Honor	72,184
Knights and Ladies of Honor	67,000
Knights of the Golden Eagle	60,000
Benevolent and Protective Order of Elks	60,000
National Union	51,000
Order of United American Mechanics	50,342
Ladies' Catholic Benevolent Association	50,000
Improved Order of Heptasophs	49,953
Catholic Benevolent Legion	48,020
Sons of Temperance	38,248
Ancient Order of Foresters	37,669
Independent Order of B'nai B'rith	31,750
New England Order of Protection	27,220
United Order of Pilgrim Fathers	25,200
Knights of Malta	25,000
Tribe of Ben Hur	24,059
Catholic Knights of America	24,000
Royal Templars of Temperance	22,433
Order of Chosen Friends	22,140
American Legion of Honor	17,979
Brith Abraham Order	17,352
United Ancient Order of Druids	16,245
Irish Catholic Benevolent Union	14,823
Smaller organizations not reported	56,217
Total	5,329,075

Detailed information about the fraternal beneficiary societies will be found on the three pages following this. * Including colored organizations.

Statistics of Principal Fraternal Organizations.

American Legion of Honor.—Founded 1878; grand councils, 8; sub-councils, 525; members, 17,979; benefits disbursed since organization, $39,424,225; benefits disbursed last fiscal year, $1,649,500; Supreme Commander, Wm. N. Davenport, Boston; Supreme Secretary, Adam Warnock, Boston; Supreme Treasurer, George W. Kendrick, Jr., Philadelphia.

Ben Hur, Tribe of.—Founded 1894; Supreme Temple, Crawfordsville, Ind.; subordinate courts, 519; members, 24,059; benefits disbursed since organization, $363,925; benefits disbursed January 15 to October 15, 1899, $120,775; Supreme Chief, D. W. Gerard, Crawfordsville, Ind.; Supreme Scribe, F. L. Snyder, Crawfordsville, Ind.; Supreme Keeper of Tribute, S. E. Voris, Crawfordsville, Ind.

B'nai B'rith, Independent Order of.—Founded 1843; grand lodges, 10; subordinate lodges, 454; members, 31,750; benefits disbursed since organization, $39,250,000; benefits disbursed last fiscal year, $1,243,000; President, Julius Bien, Manhattan Borough, New York; Vice-President, Simon Wolf, Washington, D. C.; Secretary, Solomon Sulzberger, Manhattan Borough, New York; Treasurer, Jacob Furth, St. Louis.

Brith Abraham Order.—Founded 1859; grand lodge, 1; sub-lodges, 242; members, 17,352; benefits disbursed since organization, $1,371,987; benefits disbursed last fiscal year, $105,700; Grand Master, Samuel Dorf, Manhattan Borough, New York; First Deputy Grand Master, Robert Strahl, Brooklyn Borough, New York; Second Deputy Grand Master, Anson Stern, Boston; Grand Secretary, Leonard Leisersohn, Manhattan Borough, New York; Grand Treasurer, Samuel Wolf, Brooklyn Borough, New York.

Catholic Benevolent Legion.—Founded 1881; State councils, 7; subordinate councils, 603; members, 48,020; benefits disbursed since organization, $10,115,914; benefits disbursed last fiscal year, $1,158,633; President, John C. McGuire, Brooklyn Borough, New York City; Vice-President, A. V. Harding, New Brunswick, N. J.; Secretary, J. D. Carroll, Brooklyn Borough, New York City; Treasurer, J. D. Kelley, Manhattan Borough, New York City.

Catholic Knights of America.—Founded 1877; subordinate councils, 589; members, 24,000; benefits disbursed since organization, $9,257,000; benefits disbursed last fiscal year, $718,375; Supreme President, P. J. O'Connor, Savannah, Ga.; Supreme Vice-President, Wm. Blakeslee, Hallettsville, Tex.; Supreme Secretary, Joseph C. Carroll, St. Louis, Mo.; Supreme Treasurer, Gerard Reiter, St. Louis, Mo.

Catholic Mutual Benefit Association.—No report concerning this association obtainable when the ALMANAC was printed.

Chosen Friends, Order of.—Founded 1879; grand councils, 2; subordinate councils, 551; members, 22,140; benefits disbursed since organization, $13,055,965; benefits disbursed last fiscal year, $793,711; Supreme Councilor, H. H. Morse, Manhattan Borough, New York City; Supreme Recorder, T. B. Linn, Indianapolis, Ind.; Supreme Treasurer, W. B. Wilson, Newark, N. J.

Druids, United Ancient Order of.—Founded 1781 (in England), 1839 (in America); number of grand groves, 16; sub-groves, 387; total number of members (in America), 16,245; benefits disbursed in America since 1847, $4,060,370; benefits disbursed last fiscal year, $225,121; Supreme Arch, Peter Schaffnit, St. Louis, Mo.; Supreme Secretary, H. Freudenthal, Albany, N. Y.; Supreme Treasurer, Louis Krauss, La Fayette Ind.

Elks, Benevolent and Protective Order of.—Founded 1868; grand lodge, 1; sub-lodges, 475; members in the United States, 60,000; benefits disbursed since organization, $750,000; benefits disbursed last fiscal year, $55,000; Grand Exalted Ruler, B. M. Allen, Birmingham, Ala.; Secretary G. A. Reynolds, Saginaw, Mich.; Treasurer, E. S. Orris, Meadville, Pa.

Foresters, Ancient Order of.—Founded 1745; established in America 1836. The American branch is composed of 3 high courts and 393 subordinate courts, and has 37,669 members. Total membership throughout the world 900,056, as stated by the Foresters' Directory on Dec. 31, 1898. The surplus funds of the society amounted to $31,696,385, and its assets aggregated over $76,500,000. Benefits disbursed since 1836, $108,500,000; benefits disbursed last fiscal year, $5,000,000. Officers of the American branch are as follows: High Chief Ranger, E. A. Hayes, Buffalo, N. Y.; High Sub-Chief Ranger, Frederick Bersey, Brooklyn Borough, New York; High Court Treasurer, William A. Hunter, Manhattan Borough, New York; High Court Secretary, Robert A. Sibbald, Park Ridge, N. J.

Foresters of America.—Is a distinct organization, not in affiliation with the above. Its present jurisdiction is limited to the United States. Founded 1864, reorganized 1889; grand courts, 21; sub-courts, 1,361; members, 154,909; benefits disbursed since organization, $6,762,077; benefits disbursed last fiscal year, $824,159; Supreme Chief Ranger, Thomas J. Ford, Pittsburgh, Pa.; Supreme Sub-Chief Ranger, C. P. Rendon, Stockton, Cal.; Supreme Treasurer, T. F. Donahue, Providence, R. I.; Supreme Secretary, E. M. McMurtry, Brooklyn Borough, New York City; Supreme Recording Secretary, S. B. Morriss, Fall River, Mass.

Foresters, Independent Order of.—Founded 1874; high courts, 40; subordinate courts, 4,000; members, 150,000; benefits disbursed since organization, $7,250,000; benefits disbursed last fiscal year, $1,176,125; Supreme Chief Ranger, Oronhyatekha, M. D., Toronto, Ontario; Vice-Chief Ranger, Victor Morin, Montreal, Quebec; Secretary, John A. McGillivray, Toronto; Treasurer, Harry A. Collins, Toronto.

Free Sons of Israel, Independent Order of.—Founded 1849; grand lodges, 3; subordinate lodges, 104; members, 13,000; benefits disbursed since organization, $6,282,000; benefits disbursed last fiscal year, $212,000; Grand Master, Julius Harburger, Manhattan Borough, New York; Deputy Grand Master, S. Hoffheimer, Manhattan Borough, New York; Secretary, I. H. Goldsmith, Manhattan Borough, New York; Treasurer, Louis Frankenthaler, Manhattan Borough, New York.

STATISTICS OF PRINCIPAL FRATERNAL ORGANIZATIONS—*Continued.*

Good Fellows, Royal Society of.—Founded 1882; grand assemblies, 4; subordinate assemblies, 202; members, 10,133; benefits disbursed since organization, $3,518,496; benefits disbursed last fiscal year, $305,155; Premier, J. H. McGregor, Montague, Me.; Vice-Premier, W. H. Apgar, Trenton, N. J.; Secretary, A. J. Bates, Boston; Treasurer, James G. Whitehouse, Providence, R. I.

Heptasophs, Improved Order.—Founded 1878; conclaves, 620; members, 49,953; benefits disbursed since organization, $3,971,675; benefits disbursed last fiscal year, $751,275; Supreme Archon, M. G. Cohen, Pittsburgh, Pa.; Supreme Provost, Roswell B. Farren, New Haven, Ct.; Supreme Secretary, Samuel H. Tattersall, Baltimore, Md.; Supreme Treasurer, C. H. Ramsay, Boston.

Hibernians of America, Ancient Order of.—Founded 1836; subordinate divisions, 15,312; number of members, 105,983; benefits disbursed last fiscal year, $230,118; National President, J. T. Keating, Chicago, Ill.; National Vice-President, J. E. Dolan, Syracuse, N. Y.; National Secretary, James O. Sullivan, Philadelphia, Pa.; National Treasurer, P. T. Moran, Washington, D. C.

Home Circle.—Founded 1879; grand councils, 3; sub-councils, 210; members, 6,367; benefits disbursed since organization, $1,800,000; benefits disbursed last fiscal year, $200,000; Supreme Leader, Franklin O. Barnes, Chelsea, Mass.; Secretary, Julius M. Swain, Boston, Mass.; Treasurer, John Haskell Butler, Boston, Mass.

Irish Catholic Benevolent Union.—Founded 1869; subordinate societies, 157; members, 14,823; benefits disbursed since organization, $2,031,835; benefits disbursed last fiscal year, $55,326; President, Daniel Duffy, St. Clair, Pa.; First Vice-President, John F. Fogarty, Providence, R. I.; Treasurer, Thomas J. Foley, Gloucester, N. J.; Secretary, John E. Davis, Philadelphia.

Knights and Ladies of Honor.—Founded 1877; grand lodges, 15; sub-lodges, 1,136; members, 67,000; benefits disbursed since organization, $15,184,788; benefits disbursed last fiscal year, $1,191,000; Supreme Protector, L. B. Lockard, Toledo, O.; Secretary, C. W. Harvey, Indianapolis, Ind.; Treasurer, George A. Byrd, Indianapolis, Ind.

Knights of Honor.—Founded 1873; grand lodges, 36; subordinate lodges, 2,251; members, 72,184; benefits disbursed since organization, $68,186,501; benefits disbursed last fiscal year, $3,841,500; Supreme Dictator, John P. Shannon, Elberton, Ga.; Supreme Vice-Dictator, D. S. Biggs, Boston, Mass.; Supreme Assistant Dictator, Noah M. Givan, Harrisonville, Mo.; Supreme Reporter, B. F. Nelson, St. Louis, Mo.; Supreme Treasurer, Joseph W. Branch, St. Louis, Mo.

Knights of Malta, Ancient and Illustrious Order.—Founded in Jerusalem, 1048; in America, 1889; grand commanderies, 6; sub-commanderies, 210; members, 25,000; benefits disbursed last fiscal year, $45,000; Supreme Commander, E. W. Samuel, Mount Carmel, Pa.; Supreme Recorder, Frank Gray, Philadelphia, Pa.; Supreme Treasurer, W. J. Rugh, Pittsburgh, Pa.

Knights of St. John and Malta.—Founded 1883; grand encampment, 1; subordinate encampments, 80; members, 4,284; benefits disbursed since organization, $357,437; benefits disbursed last fiscal year, $42,800; Grand Commander, R. B. Treacy, Brooklyn Borough, New York City; Lieutenant-Grand Commander, W. C. Bexfield, Buffalo, N. Y.; Grand Chancellor, Francis Houghtaling, Manhattan Borough, New York; Grand Almoner, Jacob Broschart, Manhattan Borough, New York.

Knights of the Golden Eagle.—Founded 1873; grand castles, 16; sub-castles, 867; members, 60,000; benefits disbursed since organization, $1,704,417; benefits disbursed last fiscal year, $190,722; Supreme Chief, John B. Roberts, Somerville, Mass.; Supreme Vice-Chief, S. M. Harlan, Union City, Ind.; Master of Records, A. C. Lyttle, Philadelphia, Pa.; Keeper of the Exchequer, Timothy McCarthy, Philadelphia, Pa.

Knights of the Maccabees.—Founded 1883; subordinate tents and hives, 3,600; members, 188,071; benefits disbursed since organization, $7,610,679; benefits disbursed last fiscal year, $1,271,451; Supreme Commander, D. P. Markey; Supreme Lieutenant-Commander, H. M. Parker, Elyria, O.; Supreme Record Keeper, G. J. Siegle; Supreme Finance Keeper, C. D. Thompson. All officers are located at Port Huron, Mich., except Lieutenant-Commander.

Ladies' Catholic Benevolent Association.—Founded 1890; subordinate branches, 517; members, 50 000; benefits disbursed since organization, $1,023,242; benefits disbursed last fiscal year, $210,500; Supreme President, Mrs. E. B. McGowan, Buffalo, N. Y.; Supreme Recorder, Mrs. J. A. Royer, Erie, Pa.; Supreme Treasurer, Mrs. Mary E. Costelloe, Brooklyn Borough, New York City.

Mystic Circle, The Fraternal.—Founded 1884; grand rulings, 9; subordinate rulings, 366; members, 12,000; benefits disbursed since organization, $1,505,982; benefits disbursed last fiscal year, $175,950; Supreme Mystic Ruler, F. H. Duckwitz, Philadelphia, Pa.; Recorder, W. H. Snyder, Philadelphia, Pa.; Treasurer, Milton Birch, Philadelphia, Pa.

National Provident Union.—Founded 1883; sub-councils, 70; members, 3,290; benefits disbursed since organization, $1,656,834; benefits disbursed last fiscal year, $98,500; President, James Younie, Brooklyn Borough, New York City; Vice-President, Austin F. Knowles, Elizabeth, N. J.; Secretary of the Union, H. L. Carr, Brooklyn Borough, New York City; Secretary of the Treasury, H. D. W. Dye, Brooklyn Borough, New York City.

National Union.—Founded 1881; sub-councils, 800; members, 51,000; benefits disbursed since organization, $11,045,318; benefits disbursed last fiscal year, $1,153,000; President, H. H. Cabaniss, Atlanta, Ga.; Vice-President, W. L. Wild, Akron, O.; Secretary, J. W. Myers, Toledo, O.; Treasurer, Charles O. Evarts, Cleveland, O.

New England Order of Protection.—Founded 1887; grand lodges, 6; sub-lodges, 305; members, 27,220; benefits disbursed since organization, $2,269,854; benefits disbursed last fiscal year, $364,000; Supreme Warden, L. W. Shaw, Boston; Supreme Secretary, D. M. Frye, Boston; Supreme Treasurer, John P. Sanborn, Newport, R. I.

Pilgrim Fathers, United Order of.—Founded 1879; supreme colony, 1; subordinate colonies, 216; members, 25,200; benefits disbursed since organization, $3,520,000; benefits disbursed last fiscal year, $419,000; Supreme Governor, J. S. Taft, Keene, N. H.; Supreme Secretary, James E. Shepard, Lawrence, Mass.; Supreme Treasurer, A. V. Bugbee, Lawrence, Mass.

Rechabites, Independent Order of.—Founded 1835 (in England), 1842 (in America); number of tents in America, 4; sub-tents, 35; members in America, 2,000; in world, 261,351; benefits disbursed last fiscal year in America, $3,039; in world, $762,205; High Chief Ruler, J. A. Cunningham, Lonaconing, Md.; High Deputy Ruler, Wm. C. Lenz, Washington, D. C.; High Secretary, James H. Dony, Anacostia, D. C.; High Treasurer, Mrs. Annie Gardner, Lonaconing, Md.

STATISTICS OF PRINCIPAL FRATERNAL ORGANIZATIONS—*Continued.*

Red Men, Improved Order of.—Founded 1771 and 1834; great councils, 45; tribes, 2,082; members, 213,679; benefits disbursed since organization, $16,079,076; benefits disbursed last fiscal year, $589,076; Great Incohonee, George E. Green, Binghamton, N. Y.; Great Senior Sagamore, E. D. Wiley, Des Moines, Ia.; Great Junior Sagamore, Thos. G. Harrison, Indianapolis, Ind.; Great Chief of Records, Charles C. Conley, Philadelphia; Great Keeper of Wampum, Wm. Provin, Westfield, Mass.

Royal Templars of Temperance.—Founded 1870; grand councils, 8; select councils, 527; members, 22,433; benefits disbursed since organization, $7,261,559; benefits disbursed last fiscal year, $337,500; Supreme Councilor, L. R. Sanborn, Buffalo, N. Y.; Supreme Vice-Councilor, F. D. Muse, Sandy Lake, Pa.; Supreme Treasurer, Merchants' Bank, Buffalo, N. Y.; Supreme Secretary, E. B. Rew, Buffalo, N. Y.

Scottish Clans, Order of.—Founded 1878; grand clans, 2; subordinate clans, 103; members, 5,143; benefits disbursed since organization, $560,000; benefits disbursed last fiscal year, $63,000; Royal Chief, W. H. Steen, Braidwood, Ill.; Royal Secretary, Peter Kerr, Boston, Mass.; Royal Treasurer, John Hill, St. Louis, Mo.

United American Mechanics, Order of.—Founded 1845; State councils, 20; sub-councils, 748; members, 50,342; benefits disbursed last fiscal year, $151,094; National Councilor, H. O. Holstein, Harrisburg, Pa.; National Vice-Councilor, Elmer E. Hill, Milford, N. H.; National Secretary, John Server, Philadelphia, Pa.; National Treasurer, Joseph H. Shinn, Camden, N. J.

United American Mechanics, Junior Order of.—Founded 1853; State councils, 37; sub-councils, 2,164; members, 183,508; benefits disbursed since organization, $3,619,738; benefits disbursed last fiscal year, $591,164; National Councilor, Chas. Reimer, Baltimore, Md.; Vice-Councilor, Charles Reeves, Seattle, Wash.; Secretary, E. S. Deemer, Philadelphia, Pa.; Treasurer, J. A. Sohe, Baltimore, Md.

United Workmen, Ancient Order of.—Founded 1868; grand lodges, 37; sub-lodges, 4,993; members, 373,289; benefits disbursed since organization, $94,041,634; benefits disbursed last fiscal year, $7,687,346; Master Workman, John C. Bickford, Manchester, N. H.; Recorder, M. W. Sackett, Meadville, Pa.; Receiver, Jno. J. Acker, Albany, N. Y.

Woodmen of America, Fraternity of Modern.—Founded 1883; head camp, 1; local camps, 7,048; members, 427,766; benefits disbursed since organization, $14,333,685; benefits disbursed last fiscal year, $3,263,050; Head Consul, W. A. Northcott, Greenville, Ill.; Head Clerk, C. W. Hawes, Rock Island, Ill.; Head Banker, Frank R. Crocker, Chariton, Ia.

Woodmen of the World.—Founded 1891; head camps, 3; local camps, 2,852; members, 114,643; benefits disbursed since organization, $2,976,756; benefits disbursed last fiscal year, $949,651; Sovereign Commander, Joseph Cullen Root, Omaha, Neb.; Sovereign Adviser, F. A. Falkenburg, Denver, Col.; Clerk, John T. Yates, Omaha, Neb.; Banker, Morris Sheppard, Texarkana, Tex.

National Council of Women.

President—Fannie Humphreys Gaffney, 41 Riverside Drive, New York City.
Vice-President-at-Large—Maria P. Peck, Davenport, Ia.
Corresponding Secretary—Kate W. Barrett, Washington, D. C.
Treasurer—Hannah G. Solomon, Chicago, Ill.
First Recording Secretary—Anna G. Spencer, Providence, R. I.
Second Recording Secretary—Emeline B. Wells, Salt Lake City, Utah.
Honorary Presidents—May Wright Sewall and Mary Lowe Dickinson.

This organization is a central council of women, to which all National societies organized for any purpose whatsoever come to hear what other National societies are doing on other lines. They counsel together as to any reform, or movement, in which all might coöperate. It is the purpose to send a commission to Cuba and Hawaii, to inquire into the conditions of women. The Council has a Cabinet, and is fashioned on a plan similar to the Senate of the United States. It is self-supporting, with the aid of patrons. Twenty National societies are represented in the Council; they aggregate a membership of 1,200,000 women, the largest representative organization in the world. It is affiliated with the International Council of Women.

General Federation of Women's Clubs.

President—Mrs. Rebecca D. Lowe, Atlanta, Ga.
Vice-President—Mrs. Sarah S. Platt, Denver, Col.
Recording Secretary—Mrs. E. A. Fox, Detroit, Mich.
Cor. Sec'y—Mrs. Geo. W. Kendrick, Jr., Phila., Pa.
Treasurer—Mrs. Philip N. Moore, St. Louis, Mo.
Auditor—Mrs. C. P. Barnes, Louisville, Ky.

The Board of Directors are: Mrs. Mary S. Lockwood, Washington, D. C.; Mrs. Charles S. Morris, Berlin, Wis.; Mrs. C. S. Kinney, Salt Lake City; Mrs. H. H. Pyle, Bridgeport, Ct.; Mrs. F. A. Eastman, California; Mrs. Frances Ford, Omaha, Neb.; Mrs. Wm. Todd Helmuth, New York; Mrs. E. L. Buchwalter, Ohio; Mrs. Harriet Windsor, Des Moines, Iowa.

This organization, incorporated in 1892, is composed of over 2,700 women's clubs, having a membership of 200,000 women in the United States and foreign countries. The purpose of the Federation is declared in its articles of incorporation to be "to bring into communication with one another the various women's clubs throughout the world, that they may compare methods of work and become mutually helpful. Constitutions of clubs applying for membership should show that no sectarianism or political test is required, and, while the distinctively humanitarian movements may be recognized, their chief purpose is not philanthropic or technical, but social, literary, artistic, or scientific culture." Meetings of the Federation are held biennially, the last meeting having been in June, 1898. There are 30 State federations auxiliary to the General Federation, and 595 single clubs in forty-one States. Several foreign clubs are members of the Federation—the Pioneer Club of London, Woman's Club of Bombay, and Educational Club of Ceylon, clubs in Australia, South America, etc.

SOROSIS.

Sorosis, the first women's club in the United States, was founded at New York in 1868. The following are the officers elected at the annual meeting held in New York City, March 1, 1899:

President—Mrs. D. T. S. Denison. *First Vice-President*—Mrs. Emily Warren Roebling. *Second Vice-President*—Mrs. Alice B. Stimson. *Third Vice-President*—Rev. Phoebe A. Hanaford. *Recording Secretary*—Mrs. Miriam Mason Greeley. *Corresponding Secretary*—Mrs. Alice Gilbert Demorest, 68 East Sixty-sixth Street. *Treasurer*—Mrs. Katherine B. Foote.

Christian Science.

MRS. LAURA LATHROP, C. S. D., New York, has prepared the following statement for THE WORLD ALMANAC of the claims made on behalf of Christian Science:

The revelation of Christian Science came to Rev. Mary Baker G. Eddy in the year 1866, and its truth and power were immediately demonstrated by signs following. For thirty-three years sinners have been reclaimed, depraved appetites for opium and intoxicating drinks have been destroyed, the sick have been healed of every disease, including insanity; the blind have received their sight, the deaf their hearing, shortened limbs have been elongated, crooked spines have been straightened, and law after law of the human mind has been broken. The one great text book of this science is "Science and Health," with key to the Scriptures, by Mary Baker G. Eddy, supplemented by another book by the same author called "Miscellaneous Writings." "Science and Health" is now in its one hundred and eighty-fifth edition and the demand for it is increasing daily. The Christian Science Publishing House is at 95 Falmouth Street, Boston, Mass., and here are published, besides the two books above mentioned, other works by the same author, also "The Christian Science Monthly Journal," "The Christian Science Weekly," and the "Christian Science Bible Lessons." In the October Journal for 1899 there were mentioned 2,524 practitioners, 389 regularly organized churches, 113 services where no church has as yet been organized, and 81 institutes. One hundred and twenty of these practitioners are in Greater New York, and sixty-seven in Manhattan Borough. There are six regularly organized churches of this denomination in New York City, three of which own church buildings. Two beautiful buildings are now being erected—one at the corner of Sixty-eighth Street and Central Park West, the other at the corner of Ninety-sixth Street and Central Park West.

Flourishing churches have been organized in London, England; Paris, France; Dresden, Berlin, and Hanover, Germany, and in Canada, Brazil, and Scotland. Many handsome church edifices have been built in different cities, and many others are in process of erection. The mother church is located in Boston, Mass., and those all over the country are its branches. Their services are uniform, consisting of two meetings on Sunday and one on Wednesday evening. No sermons are preached by a personal pastor, but a sermon made up of selections from the Bible and "Science and Health," with key to the Scriptures, is read by two readers, called the first and second readers. This church is emphatically a healing church, and many cases of restoration to health have been testified to during the past few years, brought about by attendance on one of these meetings.

Christian Science is demonstrable Christianity. Through the spiritual understanding of the teachings of Christ Jesus, its followers are enabled to obey His command to "heal the sick" and do the works He and His disciples did. The omnipotence, omnipresence, and omniscience of God are proved to be true. Christian Science is not mind-cure, as that is popularly understood, because it recognizes but one mind, God. It is not faith-cure, because it does not perform its wonderful works through blind faith in a personal god, but through the understanding of man's relation to God. It is not mesmerism or hypnotism, because it denies absolutely the power of the human mind and human will, and claims no will but God's. Through recognizing the one mind and man as the reflection of that mind, it forever establishes the brotherhood of man. It is the perfect salvation from sin, disease, and death Christ Jesus came to bring. In "Rudimental Divine Science," Mrs. Eddy defines Christian Science "as the law of God, the law of good, interpreting and demonstrating the principle and rule of eternal harmony."

Theosophy.

THE UNIVERSAL BROTHERHOOD.

THE Universal Brotherhood for the benefit of the people of the earth and all creatures was founded by Katherine A. Tingley, January 13, 1898, at New York City. This organization is the outgrowth and expansion of the Theosophical Society founded by H. P. Blavatsky, W. Q. Judge, and others at New York in 1875 and reorganized under William Q. Judge at its annual convention at Boston, Mass., in 1895. The constitution of the Universal Brotherhood was adopted by the Theosophical Society in America at its annual convention held in Chicago February 18, 1898, by which act the Theosophical Society in America became the Literary Department of the Universal Brotherhood.

The Universal Brotherhood, or the Brotherhood of Humanity, declares that brotherhood is a fact in nature. The principal purpose of the organization is to teach brotherhood, demonstrate that it is a fact in nature and make it a living power in the life of humanity. Its subsidiary purpose is to study ancient and modern religion, science, philosophy, and art, to investigate the laws of nature and the divine powers in man. It declares in its constitution that every member has a right to believe or disbelieve in any religious system or philosophy, each being required to show that tolerance for the opinions of others which he expects for his own.

There are over 150 lodges of the Universal Brotherhood in the United States and Canada, also lodges in England, Ireland, Sweden, Holland, France, Germany, Greece, India, Australia, and New Zealand. The central office of the organization is at 144 Madison Avenue, New York City.

The officers are: Katherine A. Tingley, *Leader and Official Head;* Frank M. Pierce, *Secretary General;* E. Aug. Neresheimer, *Treasurer.* All inquiries should be addressed to Frank M. Pierce, *Secretary General*, 144 Madison Avenue, New York.

THE THEOSOPHICAL SOCIETY IN AMERICA.

The following statement has been prepared for THE WORLD ALMANAC:

The Theosophical Society in America is the Literary Department of the Universal Brotherhood. Its principal purpose is to publish and disseminate literature relating to Theosophy, brotherhood, ancient and modern religions, philosophies, sciences, and arts. Its subsidiary purpose is to establish and build up a great library in which shall be gathered ancient and modern literature of value to the great cause of universal brotherhood.

The headquarters of the Theosophical Society in America are at 144 Madison Avenue, New York. President, E. Aug. Neresheimer.

THE ECLECTIC THEOSOPHICAL SOCIETY.

An independent international body, with headquarters in New York City. Its objects are: "First, th formation of a nucleus of Universal Brotherhood; second, the comparative study of the philosophical, religious, and scientific systems of the world; third, the manifestation of the divine powers in man." It is free from control by any "Esoteric Section." Its constitution, under the form of the initiative and referendum, places final decisions with the votes of the membership.

First election of officers in January, 1900. For further information address the Chairman of the Committee for Theosophical Work, John M. Pryse, 17 West Ninety-eighth Street, New York City.

Religious Statistics.

NUMBERS IN THE WORLD ACCORDING TO CREED.

THE following estimates, by M. Fournier de Flaix, are the latest that have been made by a competent authority. (See Quarterly of the American Statistical Association for March, 1892.)

CREEDS.	No. of Followers.	CREEDS.	No. of Followers.
1 Christianity	477,080,158	5 Buddhism	147,900,000
2 Worship of Ancestors and Confucianism	256,000,000	6 Taoism	43,000,000
3 Hindooism	190,000,000	7 Shintoism	14,000,000
4 Mohammedanism	176,834,372	8 Judaism	7,186,000
		9 Polytheism	117,681,669

CHRISTIANITY.

CHURCHES.	Total Followers.	CHURCHES.	Total Followers.
Catholic Church	230,866,533	Armenian Church	1,690,000
Protestant Churches	143,237,625	Nestorians	80,000
Orthodox Greek Church	98,016,000	Jacobites	70,000
Church of Abyssinia	3,000,000		
Coptic Church	120,000	Total	477,080,158

DISTRIBUTION OF SEMITIC ARYAN RACES.

GEOGRAPHICAL DIVISIONS.	CHRISTIANITY.			Mohammedanism.	Judaism.
	Catholic Church.	Protestant Churches.	Orthodox Churches.		
Europe	160,165,000	80,812,000	89,196,000	6,629,000	6,456,000
America	58,393,882	57,294,014	.....	.....	*130,000
Oceanica	6,574,481	2,724,781	.....	24,699,787	.....
Africa	2,655,920	1,744,080	.....	36,000,000	400,000
Asia	3,007,250	662,750	8,820,000	109,535,585	200,000
Total Followers	230,866,533	143,237,625	98,016,000	176,834,372	7,186,000

RELIGIOUS DIVISIONS OF EUROPE.

COUNTRIES.	Catholic Church.	Protestant Churches.	Orthodox Churches.	Jews.	Mohammedans.	Unclassified
Russia	9,600,000	3,400,000	73,310,000	3,400,000	3,000,000	290,000
Germany	17,100,000	29,478,000	.....	590,000	.....	32,000
Austria-Hungary	31,100,000	3,900,000	3,100,000	1,700,000	.....	100,000
France	35,387,000	580,000	.....	49,000	.....	84,000
United Kingdom	6,500,000	30,100,000	.....	100,000	.....	500,000
Italy	29,850,000	62,000	.....	38,000	.....	50,000
Spain	16,850,000	29,000	.....	5,000	.....	.....
Belgium	5,880,000	15,000	.....	3,000	.....	2,000
Roumania	100,000	15,000	4,800,000	400,000	30,000	55,000
Ottoman Empire	320,000	11,000	1,700,000	60,000	2,708,000	70,000
Netherlands	1,545,000	2,756,000	.....	83,000	.....	16,000
Portugal	4,300,000	.....	.....	.....	.....	1,000
Sweden	1,000	4,698,000	.....	2,000	.....	1,000
Switzerland	1,172,000	1,710,000	.....	8,000	.....	10,000
Denmark	3,000	2,089,000	.....	4,000	.....	4,000
Greece	10,000	10,000	1,930,000	5,000	45,000	.....
Servia	6,000	1,000	1,973,000	5,000	15,000	.....
Bulgaria	29,000	.....	1,393,000	.....	571,000	.....
Norway	1,000	1,958,000	.....	.....	.....	1,000
Roumelia	30,000	.....	700,000	4,000	240,000	2,000
Montenegro	5,000	.....	290,000	.....	.....	1,000
Luxembourg	200,000	.....	.....	.....	.....	.....
Malta	160,000	.....	.....	.....	.....	.....
Gibraltar	16,000	.....	.....	.....	.....	.....
Total Followers	160,165,000	80,812,000	89,196,000	6,456,000	6,629,000	1,219,000

The distinction between followers and actual communicants should be observed.

ENGLISH-SPEAKING RELIGIOUS COMMUNITIES OF THE WORLD.

Episcopalians	29,200,000	Lutherans, etc.	2,800,000
Methodists of all descriptions	18,650,000	Unitarians	2,600,000
Roman Catholics	15,500,000	Minor religious sects	5,500,000
Presbyterians of all descriptions	12,250,000	Of no particular religion	17,000,000
Baptists of all descriptions	9,230,000		
Congregationalists	6,150,000	English-speaking population	124,130,000
Free Thinkers	5,250,000		

A very large number—more than 18,000,000—of Hindoos, Mohammedans, Buddhists, and others in the East also speak and read English.

The estimates in the last table are from Whitaker's (London) Almanack, 1895.

The *Encyclopedia Britannica*, last edition, makes a rough estimate of numbers of Protestants in the world speaking all civilized languages, and places the Lutherans at the head, with over 42,000,000 members (mostly in Germany and Scandinavia), and the Anglican Church second, with about 20,000,000 members. *United States census of 1890.

Religious Denominations in the United States.

Statistics of Ministers, Churches, and Communicants or Members, compiled by *The Independent* and published in 1900.

Denominations.	Ministers.	Churches.	Communicants.
Adventists:			
Evangelical	34	30	1,147
Advent Christian	912	610	26,500
Seventh-Day	372	1,470	55,316
Church of God	19	29	647
Life and Advent Union	60	33	3,000
Churches of God in Jesus Christ	94	95	2,872
Total Adventists	1,491	2,267	89,482
Armenians:			
Orthodox	5	4	6,000
Evangelical	10	17	2,500
Total Armenians	15	21	8,500
Baptists:			
Regular, North	5,409	9,020	971,671
Regular, South	9,000	18,873	1,615,000
Regular, Colored	14,000	15,000	1,555,324
Six Principle	14	18	937
Seventh-Day	135	114	9,161
Freewill	1,312	1,517	85,242
Original Freewill	120	167	12,000
General	450	550	27,500
Separate	113	103	6,479
United	25	204	13,209
Baptist Church of Christ	80	152	8,254
Primitive	2,130	3,530	126,000
Old Two Seed in the Spirit Predestinarian	300	473	12,851
Total Baptists	33,088	49,721	4,443,628
Brethren (River):			
Brethren in Christ	152	78	4,000
Old Order, or Yorker	7	8	214
United Zion's Children	20	25	525
Total (River) Brethren	179	111	4,739
Brethren (Plymouth):			
Brethren (I.)	....	114	2,350
Brethren (II.)	....	88	2,419
Brethren (III.)	....	86	1,235
Brethren (IV.)	....	31	718
Total (Plymouth) Brethren	....	319	6,722
Catholics:			
Roman Catholics	11,119	11,571	8,421,301
Polish Branch	19	18	15,000
Old Catholic	6	5	10,000
Total Catholics	11,144	11,594	8,446,301
Reformed Catholics	6	6	1,500
Catholic Apostolic	95	10	1,491
Chinese Temples	....	47	....
Christadelphians	....	63	1,277
Christians	1,452	1,505	112,414
Christian Catholic (Dowie)	20	40	14,000
Christian Missionary Ass'n	10	13	754
Christian Scientists	12,000	497	80,000
Christian Union	183	294	18,214
Church of God (Winnebren'erian)	460	580	38,000
Church Triumphant (Schweinfurth)	....	12	384
Church of the New Jerusalem*	141	165	7,562

Denominations.	Ministers.	Churches.	Communicants.
Communistic Societies:			
Shakers	....	16	1,650
Amana	....	7	1,600
Harmony	....	1	250
Separatists	....	1	200
Altruists	....	1	25
Church Triumphant (Koreshan Ecclesia)	....	5	205
Total Communistic Societies	....	31	3,930
Congregationalists	5,639	5,620	628,234
Disciples of Christ	6,339	10,298	1,118,396
Dunkards:			
German Baptists (Conservatives)	2,480	820	90,000
German Baptists (Old Order)	150	100	3,500
German Baptists (Progressive)	231	160	15,000
Seventh-Day Baptists (German)	5	6	194
Total Dunkards	2,866	1,086	108,694
Episcopalians:			
Protestant Episcopal	4,878	6,519	699,582
Reformed Episcopal	103	104	9,743
Total Episcopal	4,981	6,623	709,325
Evangelical Bodies:			
Evangelical Association	1,031	1,819	117,613
United Evangelical Church	454	734	59,830
Total Evangelical	1,485	2,553	177,443
Friends:			
Friends (Orthodox)	1,279	830	92,344
Friends (Hicksite)	115	201	21,992
Friends (Wilburite)	38	53	4,329
Friends (Primitive)	11	9	232
Total Friends	1,443	1,093	118,897
Friends of the Temple	4	4	340
German Evangelical Protestants	45	55	36,500
German Evangelical Synod	891	1,123	202,415
Greek Church:			
Greek Orthodox	5	5	6,000
Russian Orthodox	40	31	43,000
Total Greek Church	45	36	49,000
Jews	301	570	1,043,800
Latter-Day Saints†:			
Church of Jesus Christ of Latter-Day Saints	1,700	796	300,000
Reorganized Church of Jesus Christ of Latter-Day Saints‡	2,280	624	43,000
Total Latter-Day Saints	3,980	1,420	343,000
Lutherans:			
(General Bodies:)			
General Synod	1,207	1,545	195,860
United Synod in the South	214	412	39,107
General Council	1,228	2,011	352,484
Synodical Conference	1,957	2,525	520,785
(Independent Synods:)			
United Norwegian	354	1,083	126,872
Joint Synod of Ohio	457	604	77,362
Buffalo	25	39	4,600
Hauge's, Norwegian	97	205	11,483
Texas	11	14	1,700
German of Iowa	402	824	74,058
Norwegian Lutheran	272	725	67,208
Michigan	56	86	7,860
Danish in America	47	66	10,000
Icelandic	8	26	3,350
Immanuel	45	50	6,118
Suomai, Finnish	11	50	5,925
Norwegian Free	125	375	37,500
Danish United	84	151	8,506
Independent Congregations	85	200	25,000
Total Lutherans	6,685	10,991	1,575,778
Waldenstromians	140	150	20,000

RELIGIOUS DENOMINATIONS IN THE UNITED STATES—*Continued.*

Denominations.	Ministers.	Churches.	Communicants.
Mennonites:			
Mennonite	407	288	22,243
Bruederhoef	9	5	400
Amish	357	124	12,876
Old Amish	75	25	2,438
Apostolic	2	2	209
Reformed	43	34	1,680
General Conference	124	66	9,792
Church of God in Christ	18	18	471
Old (Wisler)	17	15	660
Bundes Conference	41	16	3,050
Defenceless	20	11	1,176
Brethren in Christ	45	82	2,953
Total Mennonites	1,158	686	57,948
Methodists:			
Methodist Episcopal	16,634	25,799	2,697,710
Union American M. E.	63	61	2,675
African Methodist Episcopal	5,245	5,671	663,906
African Union Meth. Episcopal	80	70	7,000
African Methodist Episcopal Zion	2,908	1,802	528,406
Methodist Protestant	1,494	2,352	179,507
Wesleyan Methodist	595	506	17,201
Methodist Episcopal, South	5,923	14,160	1,456,272
Congregational Methodist	210	240	12,500
Congregational Meth. (Colored)	5	5	319
New Congregational Methodist	20	35	1,200
Zion Union Apostolic	30	32	2,346
Colored Methodist Episcopal	2,187	1,300	199,206
Primitive Methodist	65	92	6,470
Free Methodist	870	870	27,629
Independent Methodist	8	15	2,569
Evangelist Missionary	87	13	4,600
Total Methodists	36,424	53,023	5,809,516
Moravians	117	109	14,521
Presbyterians:			
Presbyterian in U.S. of A. (North)	7,175	7,386	961,334
Cumberland Presbyterian	1,720	2,982	186,582
Cumberland Presbyterian (Colored)	400	150	39,000
Welsh Calvinistic	105	185	12,000
Presbyterians (Continued):			
United Presbyterian	927	899	113,978
Presbyterian in U. S. of A. (South)	1,471	2,919	221,022
Associate Ch. of North America	12	31	1,053
Associate Ref. Synod of the South	104	130	10,364
Reform Pres. in the U. S. (Synod)	113	124	9,875
Reform Pres. in N. A. (Gen. Synod)	44	50	5,000
Reform Presb. (Covenanted)	1	4	37
Reform Presb. in U. S. & Canada	1	1	602
Total Presbyterian	12,073	14,831	1,560,847
Reformed:			
Reformed in America	724	619	109,361
Reformed in the United States	1,075	1,677	240,130
Christian Reformed	98	144	15,584
Total Reformed	1,897	2,440	365,075
Salvation Army	2,689	753	40,000
Schwenkfeldians	3	4	306
Social Brethren	17	20	913
Society for Ethical Culture	....	6	1,500
Spiritualists	....	334	45,030
Theosophical Society	....	122	3,000
United Brethren:			
United Brethren in Christ	1,910	4,179	238,684
United Brethren (Old Constitution)	619	786	26,296
Total United Brethren	2,529	4,965	264,980
Unitarians	552	460	75,000
Universalists	760	776	46,522
Volunteers	500	200	....
Independent Congregations	54	156	14,126
Grand Total	153,901	187,803	27,710,004

* Swedenborgians. † Mormons. ‡ Seceding Mormons.

The aggregate of 27,710,004 represents actual church membership, and includes all Catholics, but not all persons affiliated by family ties to Protestant bodies. The larger of the Protestant bodies may claim twice the number of their communicants as nominal adherents.—Editor of the Almanac.

Sunday-School Statistics of All Countries.

The following table was compiled by E. Payson Porter, of New York, and Edward Towers, of London, Statistical Secretaries of the Seventh International Sunday-School Convention, for that body, at St. Louis, Mo., September 4 and 5, 1893. These are the latest figures reported, as the World's Convention, which was to have been held in 1897, was postponed until 1900.

Countries.	Sunday Schools.	Teachers.	Scholars.
Europe:			
England and Wales	37,201	585,457	5,976,537
Scotland	6,275	62,994	694,860
Ireland	3,584	27,740	308,516
Belgium	89	310	4,112
Austria	212	513	7,195
Denmark	506	3,043	55,316
Finland	6,853	11,534	147,134
France	1,450	3,800	60,000
Germany	5,900	34,983	749,786
Greece	4	7	180
Italy	403	654	10,969
Netherlands	1,560	4,600	163,000
Norway	550	4,390	63,980
Portugal	11	56	1,066
Russia	83	777	15,524
Spain	88	180	3,230
Sweden	5,750	17,200	242,150
Switzerland	1,637	6,916	113,382
European Turkey	35	175	1,564
Asia:			
India, including Ceylon	5,548	10,715	197,754
Persia	107	440	4,876
Siam	16	64	809
China	105	1,053	5,264
Japan	150	390	7,019
Central Turkey	516	2,450	25,833
Africa	4,246	8,455	161,394
North America:			
United States	123,173	1,305,939	9,718,432
Canada	8,386	69,521	576,064
Newfoundland and Labrador	359	2,275	22,976
West Indies	2,185	9,673	110,233
Central America and Mexico	550	1,300	15,000
South America	350	3,000	150,000
Oceanica:			
Australasia	4,766	54,211	586,029
Fiji Islands	1,474	2,700	42,909
Hawaiian Islands	230	1,413	15,810
Other Islands	210	800	10,000
The World	224,562	2,239,728	20,268,933

The total number of teachers and scholars in the world, according to this report, was 22,508,661.

The table does not include the schools of the Roman Catholic and Non-Evangelical Protestant churches. The number of scholars in Roman Catholic Sunday-schools in the United States is estimated at 800,000 by clerics.

The next World's Sunday-School Convention will be held in London in 1900.

Roman Catholic Hierarchy of the United States.

APOSTOLIC DELEGATION.

Sebastian Martinelli, Abp. Ephesus, Papal Delegate, Washington, D. C.
Rev. Donatus Sbaretti, Auditor, Washington, D. C. | Rev. F. Z. Rooker, Secretary, Washington, D. C.

ARCHBISHOPS.

Baltimore, Maryland	James Gibbons, Cardinal.	Cons	1868
Boston, Massachusetts	John J. Williams		1866
Chicago, Illinois	Patrick A. Feehan		1865
Cincinnati, Ohio	William H. Elder		1857
Dubuque, Iowa	John Hennessy		1866
Milwaukee, Wisconsin	Frederick Katzer		1886
New Orleans, Louisiana	P. L. Chapelle		1897
New York, New York	M. A. Corrigan	Cons.	1873
Portland, Oregon	Alexander Christie		1898
Philadelphia, Pennsylvania	Patrick J. Ryan		1872
St. Louis, Missouri	John J. Kain		1875
St. Paul, Minnesota	John Ireland		1875
San Francisco, California	Patrick W. Riordan		1883
Santa Fe, New Mexico	Peter Bourgade		1887

BISHOPS.

Albany, New York	Thos. M. Burke	Cons.	1894
Alton, Illinois	James Ryan		1888
Belleville, Illinois	J. Janssen		1888
Boise City, Idaho	A. J. Glorieux		1885
Boston, Massachusetts	John Brady (Auxiliary)		1891
Brooklyn, New York	C. E. McDonnell		1892
Buffalo, New York	James Edward Quigley		1897
Burlington, Vermont	J. S. Michaud		1893
Charleston, South Carolina	H. P. Northrop		1882
Cheyenne, Wyoming	Thos. M. Lenihan		1897
Cleveland, Ohio	I. F. Horstmann		1892
Columbus, Ohio	Vacant		....
Concordia, Kansas	J. F. Cunningham		1898
Covington, Kentucky	C. P. Maes		1885
Dallas, Texas	Edward J. Dunne		1893
Davenport, Iowa	H. Cosgrove		1884
Denver, Colorado	N. C. Matz		1896
Detroit, Michigan	John S. Foley		1888
Duluth, Minnesota	James McGoldrick		1889
Erie, Pennsylvania	John F. Fitzmaurice		1897
Fargo, North Dakota	John Shanley		1889
Fort Wayne, Indiana	J. Rademacher		1883
Galveston, Texas	N. A. Gallagher		1882
Grand Rapids, Michigan	H. J. Ritchter		1883
Green Bay, Wisconsin	Sebastian Messmer		1892
Guthrie, Oklahoma	Theodore Meerschaert		1891
Harrisburg, Pennsylvania	John W. Shanahan		1899
Hartford, Connecticut	M. Tierney		1894
Helena, Montana	J. B. Brondel		1879
Indianapolis, Indiana	S. F. Chatard		1878
Kansas City, Missouri	John J. Hogan		1868
Kansas City, Missouri	J. J. Glennon (Coadjutor)		1896
La Crosse, Wisconsin	James Schwebach		1893
Laredo, Texas	P. Verdagner		1890
Leavenworth, Kansas	L. M. Fink		1871
Lincoln, Nebraska	Thomas Bonacum		1887
Little Rock, Arkansas	Edward Fitzgerald		1867
Los Angeles, California	G. Montgomery		1894
Louisville, Kentucky	William G. McCloskey	Cons.	1868
Manchester, New Hampshire	D. M. Bradley		1884
Marquette, Michigan	Frederick Els		1899
Mobile, Alabama	Edward P. Allen		1897
Nashville, Tennessee	Thomas S. Byrne		1894
Natchez, Mississippi	Thomas Heslin		1889
Natchitoches, Louisiana	Anthony Durier		1887
Nesqually, Washington	Edward J. O'Dea		1896
Newark, New Jersey	W. M. Wigger		1881
New York, New York	John M. Farley (Auxiliary)		1896
Ogdensburg, New York	Henry Gabriels		1892
Omaha, Nebraska	Richard Scannell		1887
Peoria, Illinois	J. L. Spalding		1877
Philadelphia, Pennsylvania	E. F. Prendergast (Auxiliary)		1897
Pittsburgh, Pennsylvania	R. Phelan		1885
Portland, Maine	J. A. Healy		1875
Providence, Rhode Island	M. Harkins		1887
Richmond, Virginia	A. Van de Vyver		1889
Rochester, New York	B. J. McQuaid		1868
St. Augustine, Florida	John Moore		1877
St. Cloud, Minnesota	James Trobec		1897
St. Joseph, Missouri	M. F. Burke		1893
Sacramento, California	Thomas Grace		1896
Salt Lake City, Utah	Lawrence Scanlan		1887
San Antonio, Texas	J. A. Forrest		1895
Savannah, Georgia	Vacant		....
Scranton, Pennsylvania	M. J. Hoban		1896
Sioux Falls, South Dakota	Thomas O'Gorman		1896
Springfield, Massachusetts	Thomas D. Beaven		1892
Syracuse, New York	P. A. Ludden		1887
Trenton, New Jersey	James A. McFaul		1894
Tucson, Arizona	Vacant		....
Vancouver Island	Vacant		....
Wheeling, West Virginia	P. J. Donahue		1894
Wichita, Kansas	J. J. Hennessy		1888
Wilmington, Delaware	John J. Monoghan		1897
Wilmington, North Carolina	Leo Haid		1886
Winona, Minnesota	Joseph B. Cotter		1889

College of Cardinals.

CARDINAL BISHOPS.

Name.	Office or Dignity.	Nation.	Age.	Cr't'd.
Mazzella, C.	Bp. Galestrina	Italian	77	1886
Mocenni, M.	Bp. Sabina	Italian	77	1893
Parocchi, L. M.	Bp. Porto S. Rufina	Italian	67	1877
Prisco, G.	Abp. Naples	Italian	64	1896
Stefano, L. Oreglia di S.	Dean Sac. Coll.	Italian	72	1873
Vannutelli, S.	Bp. Frascati	Italian	66	1887

CARDINAL PRIESTS.

Name.	Office or Dignity.	Nation.	Age.	Cr't'd.
Agliardi, A.		Italian	68	1896
Aloisi, Masella	Prodatario	Italian	74	1885
Capecelatro, A.	Abp. Capua	Italian	76	1885
Casali del Drago, G.		Italian	62	1899
Cassajares, A. M.	Abp. Valladolid	Spanish	66	1895
Cassanas, S.	Bp. Urgel	Spanish	66	1895
Cassetta, F.		Italian	59	1899
Celesia, P.	Abp. Palermo	Italian	88	1884
Ciasca, A.		Italian	65	1899
Conille, L.	Abp. Lyons	French	71	1897
Cretoni, S.		Italian	67	1896
Di Canossa, L.	Bp. Verona	Italian	91	1897
Di Pietro, A.	Pref. Cong. Council	Italian	72	1893
Ferrari, A.	Abp. Milan	Italian	50	1894
Ferrata, D.		Italian	53	1896
Francica Nava, G.	Abp. Catania	Italian	54	1899
Gabati, S.	Abp. Ravenna	Italian	78	1890
Gibbons, J.	Abp. Baltimore	American	66	1886
Goossens, —	Abp. Mechlin	Belgian	73	1889
Gotti, G. M.	Pf. Cong. Indul. Relics	Italian	66	1895
Gruscha, A. J.	Abp. Vienna	Austrian	80	1891
Haller, T.	Abp. Salzburg	Austrian	75	1895
Herrera, T.	Abp. Compostella	Spanish	65	1897
Jacobini, D. M.		Italian	63	1896
Kopp, G.	Abp. Breslau	German	63	1893
Labourre, F.	Abp. Rennes	French	57	1897
Langenieux, B. M.	Abp. Rheims	French	76	1886
Lecot, V. L.	Abp. Bordeaux	French	68	1893
Ledochowski, M.	Pref. Propaganda	Polish	78	1872
Logue, Michael	Abp. Armagh	Irish	60	1893
Manara, A.	Bp. Ancona	Italian	71	1895
Mathieu, F.	Abp. Toulouse	French	61	1899
Missia, J.	Abp. Goritz	Austrian	62	1899
Moran, P. F.	Abp. Sydney	Irish	70	1885
Netto, J. S.	Patriarch Lisbon	Portuguese	59	1884
Portanova, J.	Abp. Reggio	Italian	55	1899
Rampolla, M.	Secretary of State	Italian	57	1887
Respighi, P.	Abp. Ferrara	Italian	57	1899
Richard, F. M.	Abp. Paris	French	81	1889
Richelmy, A.	Abp. Turin	Italian	50	1899
Sancha, C. M.	Abp. Toledo	Spanish	62	1894
Sarto, J.	Patriarch Venice	Italian	65	1893
Satolli, F.	Pref. Cong. Studies	Italian	61	1895
Schlauch, L.	Bp. Grosswardein	Hungarian	76	1893
Svampa, D.	Abp. Bologna	Italian	49	1894
Vannutelli, V.		Italian	64	1890
Vaughan, H.	Abp. Westminster	English	65	1893
Vaszary, C.	Abp. Strigonia	Hungarian	68	1893

CARDINAL DEACONS.

Name.	Office or Dignity.	Nation.	Age.	Cr't'd.
Macchi, L.	Secretary of Briefs	Italian	68	1889
Pierotti, R.				
Segna, F.	Pf. Vatican Archives	Italian	64	1894
Steinhuber, A.	Pref. Cong. Index	German	75	1895
Trombetta, L.		Italian	80	1891
Vives y Tuto, J.		Spanish	46	1899

Bishops.

BISHOPS OF THE PROTESTANT EPISCOPAL CHURCH IN THE UNITED STATES.

Diocese.	*Cons.*
Alabama—Richard Hooker Wilmer, Spring Hill	1862
" Henry M. Jackson, Coadjutor, Eufaula	1891
Alaska—Peter Trimble Rowe (missionary), Juneau	1895
Arizona and New Mexico—J. M. Kendrick (miss.), Phœnix	1889
Arkansas—William M. Brown, Little Rock	1898
California—William Ford Nichols, San Francisco	1890
" Sacramento: W. H. Moreland (missionary)	1899
" Los Angeles: Joseph H. Johnson	1896
Colorado—John Franklin Spaulding, Denver	1873
Connecticut—Chauncey B. Brewster, Hartford	1897
Dakota, N.—Samuel C. Edsall (missionary), Fargo	1899
" S.—Wm. Hobart Hare (missionary), Sioux Falls	1873
Delaware—Leighton Coleman, Wilmington	1888
District of Columbia—Washington: H. Y. Satterlee	1896
Florida—Edwin Gardner Weed, Jacksonville	1886
" South: William Crane Gray (miss.), Orlando	1892
Georgia—C. Kinloch Nelson, Atlanta	1892
Idaho—Boise: James B. Funsten (missionary)	1899
Illinois—Chicago: William Edward McLaren	1875
" Quincy: Alexander Burgess	1878
" Springfield: Geo. Franklin Seymour	1878
" " Chas. R. Hale, Coadjutor, Cairo	1892
Indiana—J. M. Francis, Indianapolis	1899
" Michigan City: John H. White	1895
Iowa—Theodore N. Morrison, Davenport	1899
Kansas—Frank R. Millspaugh, Topeka	1895
Kentucky—Thomas Underwood Dudley, Louisville	1875
" Lexington: Lewis W. Burton	1896
Louisiana—Davis Sessums, New Orleans	1891
Maine—Vacant.	
Maryland—William Paret, Baltimore	1885
" Easton: William Forbes Adams	1875
Massachusetts—William Lawrence, Cambridge	1893
Michigan—Thomas Frederick Davies, Detroit	1889
" Marquette: Gershom M. Williams	1896
" Western: George D. Gillespie, Grand Rapids	1875
Minnesota—Henry Benjamin Whipple, Faribault	1859
" Mahlon N. Gilbert, Coadjutor, St. Paul	1886
" Duluth: James D. Morrison (missionary)	1897
Mississippi—Hugh Miller Thompson, Jackson	1883
Missouri—Daniel Sylvester Tuttle, St. Louis	1867
" West: Edward Robert Atwill, Kansas City	1890
Montana—Leigh R. Brewer (missionary), Helena	1880
Nebraska—George Worthington, Omaha	1885
" A. L. Williams, Coadjutor, Omaha	1899
New Hampshire—William Woodruff Niles, Concord	1870
New Jersey—John Scarborough, Trenton	1875
New Jersey—Newark: Thomas A. Starkey	1880
New York—Henry Codman Potter, New York City	1883
" Central: Frederick D. Huntington, Syracuse	1869
" Western: William D. Walker, Buffalo	1883
" Albany: William Croswell Doane	1869
" Long Island: Abram N. Littlejohn, Garden City	1869
North Carolina—Joseph Blount Cheshire, Raleigh	1893
" E. Carolina: Alfred A. Watson, Wilmington	1884
" Asheville: J. M. Horner (missionary)	1898
Ohio—William Andrew Leonard, Cleveland	1889
" Southern: Boyd Vincent, Coadjutor, Cincinnati	1889
Oklahoma and Indian Ter.—F. K. Brooke (miss.), Guthrie	1893
Oregon—Benjamin Wistar Morris (missionary), Portland	1868
Pennsylvania—Ozi William Whitaker, Philadelphia	1869
" Pittsburgh: Cortlandt Whitehead	1882
" Central: Ethelbert Talbot, South Bethlehem	1887
Rhode Island—Thomas March Clark, Providence	1854
" W. N. McVickar, Coadjutor, Providence	1893
South Carolina—Ellison Capers, Columbia	1893
Tennessee—Thomas F. Gailor, Memphis	1893
Texas—George Herbert Kinsolving, Austin	1892
" Dallas: Alex. C. Garrett	1874
" Western: James S. Johnston (miss.), San Antonio	1888
Utah—Abiel Leonard (missionary), Salt Lake City	1888
Vermont—Arthur C. A. Hall, Burlington	1894
Virginia—Francis McNeece Whittle, Richmond	1868
" Robert A. Gibson, Coadjutor, Richmond	1894
" Southern: Alfred M. Randolph, Norfolk	1883
West Virginia—George William Peterkin, Parkersburg	1878
" W. L. Gravatt, Coadjutor, Charlestown	1893
Wisconsin—Milwaukee: Isaac L. Nicholson	1891
" Fond du Lac: Charles C. Grafton	1889
Washington—Olympia: William M. Barker (miss.), Tacoma	1893
" Spokane: Lemuel H. Wells (missionary)	1892
Wyoming—Laramie: Anson R. Graves (miss.), Kearney, Neb.	1890
Africa—Cape Palmas: S. D. Ferguson (miss.), Harper, Liberia	1885
China—Frederick R. Graves (missionary), Shanghai	1893
Japan—Tokio: John McKim (missionary)	1893
" Kyoto: S. C. Partridge (missionary elect)	....
Charles C. Penick, late Bishop of Cape Palmas, Africa. Retired, Richmond, Va	1877
S. I. J. Schereschewsky, late Bishop of Shanghai, China. Retired, Tokio, Japan	1877
Thomas Augustus Jaggar, Bishop of Southern Ohio. Retired, Cincinnati	1875
Channing Moore Williams, late Bishop of China and Japan. Retired, Osaka, Japan	1866

Missionary work in new possessions and dependencies is in charge of the Bishop of Rhode Island as Presiding Bishop.

BISHOPS OF THE METHODIST EPISCOPAL CHURCH.

	Residence.	*Elected.*
Thomas Bowman	East Orange, N. J.	1872
Randolph S. Foster	Roxbury, Mass.	1872
Stephen M. Merrill	Chicago, Ill.	1872
Edward G. Andrews	New York City	1872
Henry W. Warren	Denver, Col.	1880
Cyrus D. Foss	Philadelphia, Pa.	1880
John F. Hurst	Washington, D. C.	1880
William X. Ninde	Detroit, Mich.	1884
John M. Walden	Cincinnati, Ohio	1884
Willard F. Mallalieu	Auburndale, Mass.	1884
Charles H. Fowler	Buffalo, N. Y.	1884
William Taylor	Miss. Bishop for Africa	1884
John H. Vincent	Topeka, Kan.	1888
James N. FitzGerald	St. Louis, Mo.	1888
Isaac W. Joyce	Minneapolis, Minn.	1888
Daniel A. Goodsell	Chattanooga, Tenn.	1888
James M. Thoburn	Miss. Bishop for India	1888
Charles C. McCabe	Fort Worth, Tex.	1896
Earl Cranston	Portland, Ore.	1896
Joseph C. Hartzell	Miss. Bishop for Africa	1896

BISHOPS OF THE METHODIST EPISCOPAL CHURCH, SOUTH.

	Residence.	*Elected.*
John C. Keener	New Orleans, La.	1870
Alpheus W. Wilson	Baltimore, Md.	1882
J. C. Granbery	Ashland, Va.	1882
R. K. Hargrove	Nashville, Tenn.	1882
W. W. Duncan	Spartanburg, S. C.	1886
E. R. Hendrix	Kansas City, Mo.	1886
C. B. Galloway	Jackson, Miss.	1886
J. S. Key	Sherman, Tex.	1886
O. P. Fitzgerald	Nashville, Tenn.	1890
W. A. Candler	Atlanta, Ga.	1898
H. C. Morrison	Louisville, Ky.	1898

BISHOPS OF THE REFORMED EPISCOPAL CHURCH.

	Residence.
Charles Edward Cheney	Chicago, Ill.
William R. Nicholson	Philadelphia, Pa.
Edward Cridge	Victoria, B. C.
Samuel Fallows	Chicago, Ill.
P. F. Stevens	Orangeburg, S. C.
James A. Latane	Baltimore, Md.
Edward Wilson	Metuchen, N. J.

BISHOPS OF THE OLD CATHOLIC CHURCH IN THE UNITED STATES.

	Residence.
J. R. Vilatte, Archbishop	Duvall
S. Kaminski, Bishop	Buffalo, N. Y.
A. Kozlowski, Bishop	Chicago, Ill.

The next triennial convention of the Protestant Episcopal Church will meet at San Francisco, Cal., in October, 1901.

The next quadrennial general conference of the Methodist Episcopal Church will be held May 2, 1900, the place to be determined by the book committee.

The next general conference of the Methodist Episcopal Church, South, will be held in 1902.

The fifteenth general council of the Reformed Episcopal Church will be held at Baltimore, Md., June 6, 1900.

Presbyterian Assemblies.

OFFICERS OF THE LAST GENERAL ASSEMBLY OF THE PRESBYTERIAN CHURCH IN THE UNITED STATES OF AMERICA.

Moderator—Rev. Robert F. Sample, D. D., New York City.

Stated Clerk—W. H. Roberts, D. D., LL. D., 1319 Walnut Street, Philadelphia, Pa.

TRUSTEES.

President—George Junkin, Esq., Philadelphia.

Treasurer—F. K. Hipple, Esq., Philadelphia.

Corresponding Secretary—Rev. Edward B. Hodge, D. D., 1319 Walnut Street, Philadelphia, Pa.

AGENCIES OF THE CHURCH.

The following may be addressed at 156 Fifth Avenue, New York City, viz.: The Board of Home Missions, the Board of Foreign Missions, and the Board of Church Erection.

The following are located at 1319 Walnut Street, Philadelphia, Pa., viz.: The Trustees of the General Assembly, the Board of Education, the Board of Publication and Sabbath-School Work, and the Board of Ministerial Relief.

The Board of Missions for Freedmen is located at 516 Market Street, Pittsburgh, Pa., and the Board of Aid for Colleges and Academies at 115 Monroe Street, Chicago, Ill.

The Church magazine, *The Assembly Herald*, has its office at 156 Fifth Avenue, New York City.

OFFICERS OF THE LAST GENERAL ASSEMBLY OF THE PRESBYTERIAN CHURCH IN THE UNITED STATES.*

Moderator—Rev. J. F. Cannon, D.D., St. Louis, Mo.

Stated Clerk—Rev. W. A. Alexander, D. D., Clarksville, Tenn.

Permanent Clerk—Robert P. Farris, D. D., St. Louis, Mo.

TRUSTEES.

President—E. Nye Hutchinson, Charlotte, N. C.

Secretary and Treasurer—John R. Farr, Esq., Charlotte, N. C.

SECRETARIES.

Foreign Missions—S. H. Chester, D. D., Nashville, Tenn.

Home Missions—J. N. Craig, D. D., Atlanta, Ga.

Publications—J. K. Hazen, D. D., Richmond, Va

Education—Rev. J. H. Lumpkin, Memphis, Tenn.

Colored Evangelization—Rev. D. C. Lilly, Tuscaloosa, Ala.

* Commonly known as the Southern Presbyterian Church.

Alliance of the Reformed Churches

(THROUGHOUT THE WORLD)

HOLDING THE PRESBYTERIAN SYSTEM.

THIS organization represents ten Reformed and Presbyterian Churches in the United States, with a constituency of 6,500,000; the Presbyterian Church in Canada, with a constituency of 600,000, and more than 80 different denominations on the five continents other than North America, with a constituency of at least 23,000,000 persons. The following are the organizations in the United States and Canada which are members of the Alliance:

PRESBYTERIAN CHURCH IN THE UNITED STATES OF AMERICA, COMMONLY KNOWN AS THE PRESBYTERIAN CHURCH NORTH.

Stated Clerk—Rev. W. H. Roberts, D.D., LL.D., 1319 Walnut Street, Philadelphia, Pa.
Next meeting of General Assembly, St. Louis, Mo., May 17, 1900. (Communicants, 984,434.)

PRESBYTERIAN CHURCH IN THE UNITED STATES, COMMONLY KNOWN AS THE PRESBYTERIAN CHURCH SOUTH.

Stated Clerk—Rev. W. A. Alexander, D.D., Clarksville, Tenn.
Next meeting of General Assembly, Atlanta, Ga., May 17, 1900. (Communicants, 221,022.)

UNITED PRESBYTERIAN CHURCH OF NORTH AMERICA.

Stated Clerk—Rev. William J. Reid, D.D., Pittsburgh, Pa.
Next meeting of the General Assembly, Chicago, Ill., May 23, 1900. (Communicants, 126,788.)

CUMBERLAND PRESBYTERIAN CHURCH.

Stated Clerk—Rev. J. M. Hubbert, Lebanon, Tenn.
Next meeting of the General Assembly, Chattanooga, Tenn., May 17, 1900. (Communicants, 177,578.)

REFORMED (DUTCH) CHURCH IN AMERICA.

Stated Clerk—Rev. W. H. De Hart, Raritan, N. J.
Next meeting of the General Synod, Asbury Park, N. J., June 5, 1900. (Communicants, 111,665.)

REFORMED (GERMAN) CHURCH IN THE UNITED STATES.

Stated Clerk—Rev. J. P. Stein, Reading, Pa.
Next meeting of the General Synod, Baltimore, Md., May 20, 1902. (Communicants, 242,300.)

REFORMED PRESBYTERIAN CHURCH, GENERAL SYNOD.

Stated Clerk—Rev. James Y. Boice, 2213 Spring Garden Street, Philadelphia, Pa.
Next meeting of the General Synod, Sparta, Ill., June 12, 1900. (Communicants, 4,700.)

ASSOCIATE REFORMED SYNOD OF THE SOUTH.

Stated Clerk—Rev. James Boyce, Huntersville, N.C.
Next meeting of the Synod, Charlotte, N. C., November 9, 1900. (Communicants, 11,000.)

SYNOD OF THE REFORMED PRESBYTERIAN CHURCH.

Stated Clerk—Rev. F. M. Foster, 341 West Twenty-ninth Street, New York City.
Next meeting of the Synod, Cedarville, Ohio, May 30, 1900. (Communicants, 9,875.)

WELSH PRESBYTERIAN CHURCH.

Treasurer—Hon. T. Solomon Griffiths, Utica, N. Y.
Next meeting of General Assembly, Cambria, Wis., September, 1901. (Communicants, 12,600.)

THE PRESBYTERIAN CHURCH IN CANADA.

Stated Clerk—Rev. Robert Campbell, D. D., Montreal, Canada.
Next meeting of General Assembly, Halifax, N. S., June 13, 1900. (Communicants, 210,326.)

American Unitarian Association.

THIS Association was organized in Boston, Mass., May 25, 1825, and incorporated in 1847. Its objects, as defined in the report of the Committee on Organization, are as follows:

1. To collect and diffuse information respecting the state of Unitarian Christianity in our country.
2. To produce union, sympathy, and cooperation among liberal Christians.
3. To publish and distribute books and tracts, inculcating correct views of religion, in such form and at such price as shall afford all an opportunity of being acquainted with Christian truth.
4. To supply missionaries, especially in such parts of our country as are destitute of a stated ministry.
5. To adopt whatever other measures may hereafter seem expedient—such as contributions in behalf of clergymen with insufficient salaries, or in aid of building churches.

OFFICERS.

President—Hon. Carroll D. Wright, LL.D., Washington, D. C.
Vice-Presidents—Hon. Joseph W. Symonds, LL.D., Portland, Me.; Samuel Hoar, Concord, Mass.; Hon. Dorman B. Eaton, LL.D., New York, N. Y.; Hon. Daniel L. Shorey, Chicago, Ill.; Hon. Horace Davis, San Francisco, Cal.; Hon. Thomas J. Morris, Baltimore, Md.
Secretary—Rev. Samuel A. Eliot, Cambridge, Mass.
Assistant Secretary—George W. Fox, Boston, Mass.
Treasurer—Francis H. Lincoln, Boston, Mass.

The annual meeting is held in Boston on the Tuesday before the last Wednesday in May—that is, Tuesday of Anniversary Week.

Universalist General Convention.

THE Universalist General Convention has jurisdiction over the ecclesiastical organizations of the Universalist Church in the United States and Canadian provinces. It meets biennially, the next meeting being ordered for October, 1901. The Convention is composed of the presidents and secretaries of the State conventions, and of clerical and lay delegates from the State conventions. All laws relating to fellowship, ordination, and discipline originate in the General Convention, and it is the final court of appeal in all cases of dispute or difficulty between State conventions. It has funds to the amount of nearly $300,000, the income of which, with the contributions of its constituency, is used for missionary and educational objects. The officers of the Convention are: *President*, Charles L. Hutchinson, Chicago, Ill.; *Vice-President*, Rev. I. M. Atwood, D.D., Canton, N. Y.; *Secretary*, Rev. G. L. Demarest, D.D., Manchester, N. H.; *Treasurer*, Frank W. Wise, Boston, Mass.

The Young People's Christian Union of the Universalist Church was organized October 22, 1889, "to foster the religious life among the young people, to stimulate to all worthy endeavor, to train the young in the work of the Universalist Church, in the promulgation of its truth, and the increase of its power and influence." It has 12,000 members, and its general officers and executive board are: *President*, H. M. Fowler, Cleveland, O.; *Secretary*, Rev. Alfred J. Cardall, 30 West Street, Boston, Mass.; *Treasurer*, Rev. Omer G. Petrie, Palmer, Mass.; Miss Jennie L. Ellis, Pawtucket, R. I.; Rev. Edward G. Mason, Hightstown, N. J.; Miss Cora A. Wilder, Victor, N. Y.; George F. Sears, Chicago, Ill.

The Congregational National Council

IS composed of delegates from Congregational churches, and was organized November 17, 1871. It meets once in three years, and the next triennial meeting will be held at Portland, Me., in October, 1901. The officers are: *Moderator*, Rev. Frederick A. Noble, of Illinois; *Secretary*, Rev. H. A. Hazen, D.D., of Auburndale, Mass.; *Treasurer*, Rev. S. B. Forbes, of Hartford, Ct.; *Registrar*, Rev. W. H. Moore, of Hartford, Ct.

Reformed Church in America.*

OFFICERS of the General Synod of the Reformed Church in America: *President*, Rev. George S. Bishop, D. D.; *Vice-President*, Rev. W. H. Van Arsdale, D. D.; *Stated Clerk*, Rev. William H. De Hart; *Permanent Clerk*, Rev. William H. Ten Eyck, D. D.

The Treasurers of the Church agencies are: Synod's board of direction, F. R. Van Nest; foreign missions, Peter Donald; domestic missions, John S. Bussing; education, R. N. Perlee; publication, Abraham C. Holdrum. The Corresponding Secretaries of the Boards are: Foreign missions, Rev. Henry N. Cobb, D. D.; domestic missions, Rev. Charles H. Pool, D. D.; education, Rev. G. H. Mandeville, D. D.; publication, Rev. Isaac W. Gowen. Denominational headquarters, 25 East Twenty-second Street, New York City.

* Known formerly as the Reformed Dutch Church.

Luther League of America.

President—E. F. Ellert, New York City. *General Secretary*—M. C. Olsen, Chicago, Ill. *Recording Secretary*—C. G. Grauer, Buffalo, N. Y. *Treasurer*—Cornelius Eckhardt, Washington, D. C.

The first National Convention of the Luther League of America was held at Pittsburgh, Pa., October 30 and 31, 1895. The League is a Lutheran organization, linking together the Lutheran young people who are laboring for the good of the Church by means of many individual societies of various names and styles of organization, each within its own immediate church. The constitution declares that its objects shall be "to encourage the formation of the young people's societies in all Lutheran congregations in America, to urge their affiliation with their respective State or Territorial leagues, and with this league to stimulate the various young people's societies to greater Christian activity and to foster the spirit of loyalty to the Church." The aggregate enrolled membership of the various local organizations represented in the national organization is over 70,000. These are comprised in twenty States, fourteen of which already have permanent State organizations. The first local organization adopting the title of "The Luther League" was organized by delegates of six Lutheran Church societies in the city of New York, April 19, 1888.

Woman's Christian Temperance Union.

THE following statement of the purposes of the society was prepared for THE WORLD ALMANAC by an officer of the Union:

The National W. C. T. U. was organized in Cleveland, Ohio, in 1874, and is the sober second thought of the great woman's crusade. It is now regularly organized in the forty-five States of the Union, and in every Territory. Its headquarters are in Chicago, Ill., where it has a Woman's Temperance Publishing House that sends out over 118,000,000 pages annually, and has seven editors and 110 employés. The Woman's National Temperance Hospital demonstrates the value of non-alcoholic medication. The Woman's Temperance Temple, costing over $1,000,000, has been built in Chicago.

There are about 10,000 local unions, with a membership and following, including the children's societies, of about half a million. The W. C. T. U. has forty-four distinct departments of work, presided over by as many women experts, in the National Society, and in nearly every State. All the States in the Republic except two have laws requiring the study of scientific temperance in the public schools, and all these laws were secured by the W. C. T. U., also the laws forbidding the sale of tobacco to minors. Most industrial homes for girls were secured through the efforts of this society, as were the refuges for erring women. Laws raising the age of consent and providing for better protection for women and girls have been enacted by many Legislatures through the influence of the department for the promotion of social purity.

The World's W. C. T. U. was founded through the influence of the National Society in 1883, and already has auxiliaries in more than forty countries and provinces. The white ribbon is the badge of all the W. C. T. U. members, and is now a familiar emblem in every civilized country.

The headquarters of the National organization is The Temple, Chicago. The following are the officers: *President*, Mrs. Lillian M. N. Stevens, of Maine; *Vice-President-at-Large*, Miss Anna A. Gordon; *Corresponding Secretary*, Mrs. Susannah M. D. Fry; *Recording Secretary*, Mrs. Clara C. Hoffman.

Society of St. Vincent de Paul.

THIS great Roman Catholic organization is engaged in the important work of caring for the Roman Catholic poor in the large cities of the United States. Its head is the Superior Council of the New York Circumscription, which has its office at No. 2 Lafayette Place. Local bodies, over which it has, in nearly all cases, jurisdiction, are known as Particular Councils.

The officers of the Superior Council are as follows: *Spiritual Director*, The Rt. Rev. Bishop John M. Farley, V. G.; *President*, Jeremiah Fitzpatrick; *Vice-Presidents*, Joseph A. Kernan and James E. Dougherty; *Secretary*, Thomas M. Mulry; *Treasurer*, Michael J. Scanlan. There are also twenty-two councilors. The principal work of the Particular Councils consists in visiting the poor and relieving them, procuring situations for deserving persons out of employment, and promoting attendance on the Sunday-schools of the Church. There are sixty-five councils in the city of New York.

World's Ecumenical Missionary Conference.

A WORLD'S Ecumenical Missionary Conference will be held in the city of New York in the year 1900, possibly in the month of April. This Conference will be attended by representatives of Protestant missionary societies from all over the world. At the London Conference, the first of the kind to be held, 141 different missionary societies, representing almost as many different denominations of Protestant Christendom, were present. The United States and Canada furnished nearly 300 of the 1,500 delegates. This great missionary movement has as its chief supporter the American Board of Foreign Missions, the oldest of mission bodies in America. The purpose of the Conference is to arouse interest in foreign missions. Great Britain and America now do the bulk of this work.

Christian and Missionary Alliance.

OFFICERS: *President and General Superintendent*, Rev. A. B. Simpson, 690 Eighth Avenue, New York; *Secretary*, A. E. Funk; *Treasurer*, David Crear; *Financial Secretary*, Mrs. A. B. Simpson.

The Christian Alliance was founded in 1887. It combined with the International Missionary Alliance in 1897, and the present title was adopted. Membership consists of all professing Christians who shall subscribe to the principles of the order and enroll their names. The objects of the Alliance are stated to be "Wide diffusion of the Gospel in its fulness, the promotion of a deeper and higher Christian life, and the work of evangelization, especially among the neglected classes, by highway missions and any other practicable methods." State auxiliary and local branches are being rapidly formed. Connected with the Alliance are the Missionary Training Institute, Institute for the Training of Home Workers, Berachah Home, and Berachah Orphanage. The headquarters of the Alliance are in New York, but its buildings are located at Nyack, N. Y.

The Young People's Christian Union.

THE Young People's Christian Union of the United Brethren in Christ was organized June 5, 1890. It is a union of all forms of young people's societies within the Church, uniting them for the purpose of denominational direction. There are now in this Union 2,085 societies, of which 280 are junior societies. The total membership is 83,890. A mission church has been built in Los Angeles, Cal., to which over $7,000 has been paid. The Union is now building a church in Chicago. The principal officers are: *President*, Professor J. P. Landis, D.D., Ph.D., Dayton, Ohio; *Corresponding Secretary*, Rev. H. F. Shupe, Dayton, Ohio; *Recording Secretary*, Miss Lizzie Sheets, Vermillion, Ill.; *Treasurer*, E. Jay Rogers, Dayton, Ohio; *Junior Superintendent*, Rev. W. A. Dickson, Chambersburg, Pa. The fifth biennial convention will be held in Lebanon, Pa., June, 1900.

The Zionist Movement.

THE Zionist Movement aims at the settlement of Jews in Palestine, and has for its leaders abroad Max Nordau, of Paris; Dr. Herzl, of Vienna, and Chief Rabbi Gaster, of London, and in this country Dr. Richard Gottheil and Rabbi Wise, of New York. Some twenty-five colonies have already been settled in Paris from Southern and Eastern Europe, where anti-Semitic antagonism takes the form of persecution. A Jewish colonial bank has been founded in London with $10,000,000 capital to promote the movement. The second International Zionist Convention was held at Basle, Switzerland, in August, 1899. The President of the Federation of American Zionists is Dr. Richard Gottheil, and the Secretary is J. D. Morrison, New York.

Young People's Society of Christian Endeavor.

THE following statistics and statement of the purposes of the organization were prepared for THE WORLD ALMANAC by Mr. John Willis Baer, General Secretary of the United Society of Christian Endeavor:

OFFICERS OF THE UNITED SOCIETY OF CHRISTIAN ENDEAVOR.—Office, Tremont Temple, Boston, Mass. *President*, Rev. Francis E. Clark, D. D.; *Treasurer*, Wm. Shaw; *General Secretary*, John Willis Baer.

The first Society of Christian Endeavor was formed February 2, 1881, in the Williston Church, Portland, Me., by Rev. F. E. Clark, pastor, for the purpose of training a large number of converts for the duties of church membership.

Each society is in some local church, and in no sense outside. It exists simply to make the young people loyal and efficient members of the Church of Christ. It is the Church training the young. Its motto is, "For Christ and the Church." In November, 1899, there were 56,280 societies, with a membership of 3,376,800, chiefly in the United States and Canada, and in Australia, Great Britain, China, India, Japan, and in all missionary lands. It is found in about the same proportions in all the great evangelical denominations and in all their subdivisions. Wherever it has been established longest it is most fully indorsed by pastors and churches.

Its essential features are the prayer-meeting pledge, honestly interpreted, the lookout, prayer-meeting, and social committees, and the consecration meeting. Other committees are optional, and the constitution is entirely flexible in other points according to the needs of the local church.

The United Society is simply the bureau of information for all the societies. It prints the literature, supports one general secretary, and is the general headquarters of the work. It levies no taxes, however, and assumes no authority, but every society manages its own affairs in its own way. It is supported by the sales of its literature, badges, etc. It is managed by a board of trustees, representing the great evangelical denominations, the President being Francis E. Clark, D. D., the founder of the society; General Secretary, John Willis Baer; Treasurer, William Shaw. The executive committee of the board of trustees meets quarterly to consult concerning the best interests of the society. The next international convention will be held in London, England, July 14-18, 1900.

The whole number of societies in the United States is 42,490; in the British Provinces, 3,526; in foreign countries, 10,264. Grand total, 56,280 societies, with an aggregate membership of 3,376,800.

American Board of Commissioners for Foreign Missions.

THE head office of the American Board of Commissioners for Foreign Missions is at the Congregational House, Beacon Street, Boston, Mass. There are two district offices, at the United Charities Building, Twenty-second Street and Fourth Avenue, New York City, Rev. C. C. Creegan, D.D., District Secretary, and at 153 La Salle Street, Chicago, Ill., Rev. A. N. Hitchcock, Ph. D., District Secretary. The following is a list of the officers of the Board elected at the last annual meeting: *President*, Samuel B. Capen, Esq., Boston, Mass.; *Vice-President*, D. Willis James, Esq., New York, N. Y.; *Prudential Committee*, E. B. Webb, D. D., Charles C. Burr, W. H. Davis, D. D., Albert H. Plumb, D. D., William P. Ellison, G. Henry Whitcomb, Elijah Horr, D. D., Col. C. A. Hopkins, Rev. William W. Jordan, Edward C. Moore, J. M. W. Hall, Samuel C. Darling; *Corresponding Secretaries*, Judson Smith, D. D., Charles H. Daniels, D. D., James L. Barton, D. D.; *Recording Secretary*, Henry A. Stimson, D.D.; *Assistant Recording Secretary*, Edward N. Packard, D. D.; *Treasurer*, Frank H. Wiggin; *Auditors*, E. H. Baker, E. R. Brown, Henry E. Cobb.

The American Board, which is the oldest foreign missionary society in the United States, was organized June 29, 1810. During the past eighty-nine years of its history it has sent out over 2,000 missionaries, of whom 539 are now in service. Into the nearly 500 churches which have been organized by these missionaries there have been received about 130,000 members. The total receipts from the beginning have been about $27,000,000.

The mission fields now occupied by the Board are: Mexico; the Hawaiian and Micronesian Islands; Japan; North China; Shansi, in Northwestern China; Foo Chow and Hong Kong, in Southern China; Ceylon; Madura, in Southern India; the Marathi field of Western India; East Central Africa; Southern Africa; West Central Africa; European and Asiatic Turkey; Austria, and Spain.

The present statistics are: 20 missions, 1,417 stations and out-stations; 1,705 places for stated preaching, with average congregations of 85,771; 492 churches, with 49,782 members, of whom 5,047 were added during the last year; 133 higher schools, with 9,088 pupils; 1,137 common schools, with 43,920 pupils; total under instruction 58,699; missionaries and assistant missionaries, 529; native pastors, preachers, teachers, and other native assistants, 3,155; total missionary force, 3,680.

Baptist Young People's Union of America.

THE Union represents the young people's societies connected with Baptist churches in all the States and Canada. The following are the International officers: *President*, John H. Chapman, Chicago, Ill.; *Vice-Presidents*, L. J. P. Bishop, New York, N. Y.; W. W. Gaines, Atlanta, Ga.; [illegible] McNeill, Paisley, Ont.; *General Secretary*, Rev E. E. Chivers, D. D., 324 Dearborn Str[illegible], Chicago, Ill.; *Recording Secretary*, Rev. H. W. Reed, La Crosse, Wis.; *Treasurer*, Frank Moody, Milwaukee, Wis. The Union was organized July 7 and 8, 1891. It holds annual meetings.

United Society of Free Baptist Young People.

A GENERAL society representing the local societies of young people of the Free Baptist Denomination. The officers are as follows: *President*, E. P. Metcalf, Providence, R. I.; *Vice-President*, Miss Mary Ward, Hillsdale, Mich.; *Recording Secretary*, Miss Agnes H. Collins, South Danville, N. H.; *General Secretary*, Harry S. Myers, Hillsdale, Mich.; *General Treasurer*, Rev. Arthur Given, D. D., Auburn, R. I.; *Junior Superintendent*, Mrs. Harry S. Myers, Hillsdale, Mich.; *Council*, Rev. E. B. Stiles, Adamsville, R. I.; Rev. T. J. Mawhorter, Wawaka, Ind.; Miss Lora A. Marsh, Mason, Mich.; Rev. A. R. Paull, Whitman, Mass.; Rev. J. H. Wolfe, Adams, Neb.; Miss Minnie Leigh, Winnebago City, Minn.; Rev. G. A. Jackson, Hillsdale, Mich.; Miss Anna Fite, Marion, O., and Mr. C. H. Woodworth, Buffalo, N. Y.

Young Men's Christian Associations.

OFFICERS OF THE INTERNATIONAL COMMITTEE.—Office, No. 3 West Twenty-ninth Street, New York. *Chairman*, Lucien C. Warner; *Treasurer*, Frederick B. Schenck; *General Secretary*, Richard C. Morse. *Board of Trustees—Treasurer*, John S. Bussing, New York City. The International Committee is the general executive of the Associations of North America. It consists of 45 representative Christian laymen, and employs a force of 45 secretaries.

OFFICERS OF THE CENTRAL INTERNATIONAL COMMITTEE.—Headquarters, No. 3 Général Dufour, Geneva, Switzerland. *Chairman*, Edouard Barde; *Secretary*, Ernest Favre; *Treasurer*, Henry Fatio; *General Secretaries*, Charles Fermaud and Christian Phildius. The committee is composed of members representing America, Australia, Austria-Hungary, Belgium, Denmark, England, France, Germany, Italy, Netherlands, Norway, Russia, Spain, Sweden, Switzerland, Japan, and India.

OFFICERS OF THE STATE EXECUTIVE COMMITTEE OF NEW YORK.—General office, No. 3 West Twenty-ninth Street, New York. *Chairman*, Edmund P. Platt; *Treasurer*, Harris H. Hayden; *General Secretaries*, Fred. S. Goodman and George A. Hall; *Office Secretary*, F. F. Calyer. This committee was incorporated under the laws of New York, April 14, 1886, having for its object "the establishing and assisting Young Men's Christian Associations, and generally to provide for the spiritual, intellectual, physical, and social well-being of young men in accordance with the aims and methods of Young Men's Christian Associations of the State of New York." The membership in the State is 38,626, divided as follows: General, 21,724; Railroad, 8,547; College, 2,283; French and German, 771; Boys' Departments, 3,949; "Sections," 581. A biennial meeting of the State Association, comprising the 145 Associations and 20 "Sections" in the State, is held in February.

OFFICERS OF THE YOUNG MEN'S CHRISTIAN ASSOCIATION OF THE CITY OF NEW YORK.—General office, No. 3 West Twenty-ninth Street, New York. *President*, Cleveland H. Dodge; *Treasurer*, Samuel Sloan, Jr.; *General Secretary*, Henry M. Orne.

There are 5,075 associations in the world, of which 1,429 are in North America. The total membership of these American associations is 228,568; they occupy 344 buildings of their own, valued at $19,847,930, and have a total net property of $19,341,272, including 656 libraries, containing 474,685 volumes. They employ 1,275 general secretaries and other paid officials, and expended last year for current expenses—local, State, and international—$2,779,733.

Young Women's Christian Associations.

THE work of the associations among women is fourfold: Physical—Systematic training in the gymnasium, health talks, holiday excursions, and outing clubs. Social—Receptions and socials in home-like rooms, musical and literary entertainments, helpful companionships, noon rest, lunch-rooms, boarding clubs, employment bureaus. Intellectual—Libraries and reading-rooms, educational classes, lecture courses, concerts, library, musical, and art clubs. Spiritual—Bible training classes, evangelistic meetings, personal work, Gospel meetings.

General statistics: Number of associations in Great Britain, 1,340; United States (Associations connected with the International Committee), 377; France, 270; Germany, 400; Denmark, 400; Sweden, 42; Norway, 16; Italy, 17; India, 65; Australasia, 46; Canada, 15; South Africa, 7. Membership of American associations, 35,000.

The International Association was formed in 1886. General office, 1004 Champlain Building, 126 State Street, Chicago, Ill. Mrs. H. C. Tillman, Chairman; Mrs. C. M. Howe, Vice-Chairman.

The World's Y. W. C. A. was founded in 1893. General office, 26 George Street, Hanover Square, London. Miss Annie M. Reynolds, Secretary. Twenty-one States have organized State associations. Each State holds an annual convention. The international convention occurs biennially. Each year three Summer schools are held for the training of young women in Secretarial and Bible work. *The Evangel*, the official organ of the associations, is published monthly at Chicago, Ill. The second week of October is observed as a day of prayer for young women. A special department is maintained for young women of colleges, and through this department the student volunteer movement is connected with the association work.

American Bible Society.

THE American Bible Society was founded in 1816. It is a charitable institution, whose sole object is to encourage a wider circulation of the Scriptures without note or comment. It invites the contribution and coöperation of "all who accept the Bible as their rule of life and believe that every human being is entitled to know what it teaches concerning truth and duty." The President is the Hon. Enoch L. Fancher, of New York, and there are twenty-six vice-presidents, headed by the Hon. J. L. Chamberlain, Maine. Among the others are General O. O. Howard, Vt.; Cortlandt Parker, N. J.; Hon. Frank M. Cockrell, Mo.; Hon. John W. Foster, D. C.; T. A. Brouwer, N. Y.; Cyrus Northrop, Minn.; James H. Carlisle, S. C.; Hon. Howard Van Epps, Ga.; James H. Taft, N. Y.; Annis Merrill, Cal.; Hon. W. P. Dillingham, Vt.; Hon. David J. Brewer, D. C.; Hon. James A. Beaver, Pa.; D. C. Gilman, Md., and Hon. Benj. Harrison, Ind. There are thirty-six managers, divided into four classes as to terms of office. The Secretaries are: Rev. E. W. Gilman D. D., Rev. John Fox, D. D., and Rev. W. I. Haven, D. D. The Treasurer is William Foulke. The issues for the year 189[illegible]9 were 1,380,892 copies, and for the eighty-three years of the existence of the Society 65,962,505 copies. This includes Bibles in many foreign tongues, and the languages of several American Indian tribes. (The British and Foreign Bible Society, established in 1804, has distributed to date 160,009,393 copies.) The offices of the Society are at the Bible House, Eighth Street, New York.

American Tract Society.

THIS Society was founded in 1825. During seventy-four years it has been publishing books and tracts representing the best Christian literature approved by all Evangelical Christians. Its total issues at home, in twenty languages, number 475,788,587 copies. It has helped Foreign Missions, in one hundred languages, to many millions of copies. Its colporteurs have visited 14,861,008 families. Offices, 150 Nassau Street, New York. *President*, General O. O. Howard; *Secretaries*, William W. Rand, D. D., and George L. Shearer, D. D.

International Order of the King's Daughters and Sons.

THE following information about this organization was corrected for THE WORLD ALMANAC by the Corresponding Secretary, Mrs. Isabella Charles Davis:

OFFICERS OF THE CENTRAL COUNCIL.—Office, No. 156 Fifth Avenue, New York City *President*, Mrs. F. Bottome; *Vice-President*, Miss Kate Bond; *General Secretary*, Mrs. Mary Lowe Dickinson; *Treasurer*, Mrs. J. C. Davis; *Recording Secretary*, Mrs. Robert Sturgis; *Corresponding Secretary*, Mrs. Isabella Charles Davis.

The Order of The King's Daughters and Sons is a religious order of service, composed of thousands of small circles of men, women, and children united in one great organization, that is estimated now to number over half a million members. It is an inter-denominational order, and its members may be found in all churches and in almost all nations. It was founded by ten women in New York City, and has spread over every State in the Union, and has its representatives in Canada, England, Ireland, Scotland, France, Italy, Germany, India, China, Japan, Turkey in Europe and in Asia, Australia, New Zealand, and other countries. Its members are bound individually and collectively to serve the needy and the suffering, to consider the poor, and to be helpful in good work. Each individual circle may choose its own field of labor, but cannot escape the obligations of service.

The badge is a small cross of silver, bearing the letters I. H. N. on one side and the date 1886 on the other, often worn with a knot of purple ribbon. The Order is an incorporated society, of which this little cross is the seal. Its headquarters are at No. 156 Fifth Avenue, New York City.

Its original circle of ten women, to which have been made some additions, forms now the Central Council or Executive Board of the Order. The officers of the International Order are members of this Council. The first meeting of the original circle was held in New York City on January 13, 1886. It is now fourteen years old, and it ranks among the strongest and most useful societies of the world. It issues a weekly magazine called *The Silver Cross*, which is most helpful to the members of the Order, and takes a high rank among the religious and philanthropic periodicals of the country.

The Daughters of the King.

THE Order of the Daughters of the King was organized on Easter Evening, 1835. It is desired by its promoters that a careful distinction shall be made between the Daughters of the King and The King's Daughters. This is the older society, and differs from The King's Daughters in many important particulars. In the first place, it is more of an order than a society, and is distinctively Episcopal. Its work is definite, and is "for the spread of Christ's kingdom among young women," and the "active support of the rector's plans in the parish in which the particular chapter may be located." Its badge is a cross of silver, a Greek cross fleury, and its mottoes are "Magnanimeter Crucem Sustine" and "For His Sake." Its colors are white and blue—white, the old royal color of Israel, and blue, the color of the Virgin Mary, the "blessed daughter of Israel's King, the Mother of the King of Kings." Its constitution is framed, as far as is possible, in the terms of that of the Brotherhood of St. Andrew, the work of the two organizations being similar. The officers of the Council are: *President*, Mrs. E. A. Bradley; *Vice-President*, Mrs. E. J. Warner; *Secretary*, Miss Elizabeth L. Ryerson; *Treasurer*, Mrs. John H. Kahrs. Office of the Council, Church Missions House, 281 Fourth Avenue, New York.

The Brotherhood of St. Andrew.

THE following was prepared for THE WORLD ALMANAC by Mr. John W. Wood, General Secretary:

The Brotherhood of St. Andrew is an organization of men in the Protestant Episcopal Church. Its sole object is the spread of Christ's kingdom among men. It works under two rules, known as (1) The Rule of Prayer: To pray daily for the spread of Christ's kingdom among men, and that Christ's blessing may be upon the labors of the Brotherhood, and (2) The Rule of Service: To make an earnest effort each week to bring at least one man within the hearing of the Gospel of Jesus Christ.

The Brotherhood started in St. James' Church, Chicago, on St. Andrew's Day, 1883. It takes its name from the Apostle who, when he had found the Messiah, first found his own brother Simon and brought him to Jesus. This Brotherhood in St. James' parish was started simply as a parochial organization, with no thought of its extending beyond the limits of the parish. Its work, however, was so successful in bringing men to church that attention was called to it, and other Brotherhoods, having the same objects and the same rules, were formed in other parishes in Chicago and in different parts of the country. In 1886 there were about thirty-five of these separate Brotherhoods. It then was proposed to form them into one general Church organization. This was done in 1886. Since that time the Brotherhood has gone on growing, and at present has spread to all parts of the United States. There are now twelve hundred and twenty active chapters, with a membership of about thirteen thousand men. The Brotherhood idea has also taken root in Canada, and the Brotherhood of St. Andrew in the Church of England in the Dominion of Canada has been formed, with one hundred and eighty chapters and two thousand men. A similar organization has been formed in the Scottish Episcopal Church. Forty chapters have also been formed in Australia, and have been organized into a Brotherhood of St. Andrew in the Church of England in Australia. June 12, 1896, the Brotherhood of St. Andrew in the Church of England was formed.

The officers for 1899-1900 are: *President*, James L. Houghteling, 164 Dearborn Street, Chicago; *General Secretary*, John W. Wood, 281 Fourth Avenue, New York; *Treasurer*, John P. Faure, 281 Fourth Avenue, New York; Editor of *St. Andrew's Cross*, John W. Wood, 281 Fourth Avenue. The General Secretary will furnish information and literature to any one who may be interested in the work.

The Brotherhood of Andrew and Philip.

THIS organization, founded in 1888, held its first federal convention in the city of New York in 1893. It is composed of members of twenty-one evangelical denominations—the Reformed Church in America, the Reformed Church in the United States, the Congregational, Presbyterian (North, South, Canadian, and United), Methodist Episcopal, Methodist Protestant, Baptist, United Brethren, Lutheran, Reformed Episcopal, Church of Christ, Progressive Brethren, Friends, United Evangelical, Free Baptist, Federal, African Methodist Episcopal, and Evangelical Association. Its objects are embodied in the statement that "Any man can belong to the Brotherhood who will promise to pray daily for the spread of the kingdom of Christ among men, and to make an earnest effort each week to bring at least one man within the hearing of the Gospel." The number of chapters of the Brotherhood in the United States is 500, and the membership 15,000 in 35 States. The Rev. Dr. Rufus W. Miller, the founder, Reading, Pa., is President of the Federal Council, and Rev. C. E. Wyckoff, Irvington, N. J., General Secretary and Treasurer. *The Brotherhood Star*, the organ of this order, is published monthly at 25 East Twenty-second Street, New York City.

The Epworth League.

THE following statistics and statement of the purposes of the organization were prepared for THE WORLD ALMANAC by Rev. Edwin A. Schell, General Secretary of the Epworth League:

OFFICERS OF THE EPWORTH LEAGUE.—*President*, Bishop William X. Ninde, Detroit, Mich.; *Vice-Presidents:* Department of Spiritual Work, Rev. W. I. Haven, Bible House, New York City; Department of Mercy and Help, Rev. E. M. Mills, D. D., Elmira, N. Y.; Department of Literary Work, R. R. Doherty, Ph. D., 150 Fifth Avenue, New York City; Department of Social Work, John A. Patten, Chattanooga, Tenn.; *General Secretary*, Rev. Edwin A. Schell, 57 Washington Street, Chicago, Ill.; *General Treasurer*, Chas. E. Piper, 1601 Masonic Temple, Chicago, Ill. The Central Office of the Epworth League is located at 57 Washington Street, Chicago, Ill.

The Epworth League was formed in May, 1889, by the union of five societies then existing in the Methodist Episcopal Church, which had under their united jurisdiction about 1,500 local societies, or "chapters," and about 6,000 members. On October 1, 1899, the Epworth League in the Methodist Episcopal Church numbered 26,700 chapters, with a membership of 1,900,000.

Its purpose is to promote intelligent and loyal piety in the young members and friends of the church, to aid them in religious development, and to train them in the works of mercy and help. Its constitution provides for development along social, intellectual, and religious lines. Its essential features are the weekly prayer-meeting, the "intellectual" and "mercy and help" departments, and its harmony with the officiary of the church. There are no salaried officers, except the General Secretary.

The Epworth League of the M. E. Church, South.

President—Bishop W. A. Candler, Oxford, Ga. *First Vice-President*—Rev. J. W. Newman, Birmingham, Ala. *Second Vice-President*—Rev. W. T. McClure, Independence, Mo. *Third Vice-President*—Rev. J. M. Barcus, Temple, Tex. *Treasurer*—O. W. Patton, Nashville, Tenn. *General Secretary and Editor Epworth Era*—Rev. H. M. DuBose, D. D., Nashville, Tenn. *Assistant General Secretary*—Mr. Gus. W. Thomasson, Nashville, Tenn. The League sprang from a movement inaugurated by the pastor of Trinity Church, at Los Angeles, Cal., in the year 1889. The League was authorized by the General Conference of the Methodist Episcopal Church, South, at St. Louis in 1890. The first League was organized at the First Church, Memphis, Tenn., January, 1891. At the General Conference in May, 1894, the central office of the League was established at Nashville, Tenn. Five thousand and thirty-one chapters have been chartered, and the total membership is 271,445. Texas leads with a membership of 26,000.

White Cross Society.

THE principal purposes of this organization are: (1) To urge upon men the obligation of personal purity; (2) to raise the tone of public opinion upon the subject of morality; (3) to secure proper legislation in connection with morality—one law only for men and women.

The White Cross movement was begun publicly February 14, 1883, at Bishop-Auckland, England, by the Bishop of Durham. The work was taken up in this country by the Rev. B. F. De Costa, D.D., Rector of the Church of St. John the Evangelist, New York City, aided by his young men, during the Winter of 1883-84. It has now spread throughout the United States and Canada.

The platform of the White Cross is as follows:

"The member promises by the 'help of God' (1) to treat all women with respect, and endeavor to protect them from wrong and degradation; (2) to endeavor to put down all indecent language and coarse jests; (3) to maintain the law of purity as equally binding upon men and women; (4) to endeavor to spread these principles among my companions, and to try and help my younger brothers; (5) to use every possible means to fulfil the command, 'Keep THYSELF pure.'"

The officers are: *President*, Rev. A. B. Howard, 224 Waverley Place, New York; *Secretary*, Alfred Fenney, 224 Waverley Place, New York. The Central White Cross Committee, representing the Protestant Episcopal Church at large, is composed of the Bishops of Chicago, New York, Minnesota, Central New York, and Pittsburgh, Rev. Drs. Morgan Dix, J. H. Eccleston, and D. Parker Morgan, with E. P. Dutton, of New York. The Assistant Secretary is Rev. W. W. Steel, 3916 Locust Street, Philadelphia, Pa., and the Treasurer E. P. Dutton.

National Spiritualists' Association.

THE following statement was furnished THE WORLD ALMANAC by President H. D. Barrett:

The National Spiritualists' Association of the United States of America and Dominion of Canada was organized September 29, 1893, in Chicago, Ill., and incorporated November 1, 1893, under the laws of the District of Columbia, where its permanent headquarters were established. Its objects are: "The organization of the various Spiritualist societies of the United States and Canada into one general association, for the purpose of mutual aid and cooperation in benevolent, charitable, educational, literary, musical, scientific, religious, and missionary purposes, and enterprises germane to the phenomena, science, philosophy, and religion of Spiritualism." There are 650 local associations of Spiritualists in the United States and Canada, 16 State associations, and 52 camp-meeting associations devoted to the interests of Spiritualism. The bona fide membership of these associations is 150,000, while the total number of Spiritualists in the United States and Canada is 1,500,000. Three hundred and fifty lecturers, ministers, and platform mediums are now actively engaged in promulgating the doctrines of Spiritualism. The number of psychics now before the public for various phases of phenomenal manifestations is 1,500, while some 10,000 persons utilize their mediumistic gifts in their homes. The Spiritualists have 82 churches, temples, auditoriums, etc., in the United States. The valuation of their public buildings, camp-meeting property, and real estate is $1,250,000. The membership of the National Spiritualists' Association consists of Spiritualist societies only. Ten regular periodicals, weeklies, and monthlies are published in the interests of Spiritualism.

The officers for the year ending October 19, 1900, are as follows: *President*, Harrison D. Barrett, Needham, Mass.; *Vice-President*, Hon. Harvey W. Richardson, East Aurora, N. Y.; *Secretary*, Mrs. Mary T. Longley, Washington, D. C.; *Treasurer*, Theodore J. Mayer, Washington, D. C.; *Trustees*, Hon. David P. Dewey, Grand Blanc, Mich.; Illtyd C. I. Evans, Washington, D. C.; Alonzo Thompson, Fullerton, Neb.; Clarence D. Pruden, Minneapolis, Minn.; Hon. Eber W. Bond, Willoughby, O. The permanent headquarters of the Association are located at 600 Pennsylvania Avenue, S. E., Washington, D. C. The eighth annual convention will be held in Cleveland, O., October 16, 17, 18, and 19, 1900.

The Salvation Army.

THIS is a body of men and women organized in the form of a military force, its object being the evangelization of the unchurched masses. It has its International Headquarters at 101 Queen Victoria Street, London, E. C., England, and the headquarters for the United States at 120 West Fourteenth Street, New York City. Its officers are: General, chief-of-staff, commissioner, or commander, colonel, brigadier, major, staff captain, adjutant, ensign, captain, and lieutenant.

The Salvation Army, known originally as the Christian Mission, was created at Mile End, London, July 5, 1865, by the Rev. William Booth, a minister of the "Methodist New Connection." The present name was adopted in 1878. At first treated with a good deal of derision and occasionally with violence from the classes among which it worked, its earnestness and remarkable achievements have gradually won the respect and encouragement of many of the most prominent divines and laymen of the evangelical denominations.

At the present time there are 15,300 officers, composed of men and women whose lives are entirely given to the work; 6,229 corps or societies operating in thirty-eight countries and colonies in thirty-four languages. There are some 2,500,000 meetings held annually out doors and in. The number of periodicals printed or published is forty-four, with a combined weekly circulation of over a million. The annual rental roll is over $1,000,000. The amount of property owned by this organization now exceeds $4,000,000, and the annual income is $3,645,000. The United States Division of the Salvation Army has to-day 2,577 officers, 694 corps or societies, 21 slum posts, 14 rescue homes, with accommodation for 350 fallen women; 75 food and shelter depots, furnishing 27,000 meals monthly, and providing nightly beds for 4,664 of the homeless poor; 5 working-women's hotels, with accommodation for 128 women; 5 salvage brigades for collecting household waste, together with 7 wood and coal yards, furnishing temporary work for 337 unemployed men; 5 farms, and 2 children's homes. The organization also has in the United States cavalry brigades, out-riders' circuits, maternity homes, labor bureaus, women's shelters, and an inquiry department, which looks up missing friends and relatives. Altogether there are 156 social institutions for the poor, under the charge of 325 officers and employés, accommodating 5,622 persons.

William Booth is the general and commander-in-chief of the forces throughout the world. His headquarters are at London. The United States commanders are Commander and Consul Booth-Tucker.

The army numbers, according to the last reports, 1,338 corps and 4,306 officers in Great Britain; 831 corps and 1,527 officers in Australia, and 735 corps and 2,709 officers in the United States. The organization extends to nearly all the countries of the world.

The Volunteers of America.

THE commander-in-chief is Ballington Booth. The headquarters are at No. 1 Fourth Avenue, nearly opposite Cooper Institute, New York City. The following statement has been prepared for THE WORLD ALMANAC in the office of the commander-in-chief:

The Volunteers of America is a religious organization, inaugurated in March, 1896, by Commander and Mrs. Ballington Booth in response to numerous requests on the part of American citizens. It is organized in true military style, having as its model the United States Army, but in conjunction with military discipline and methods of work it possesses a thoroughly democratic form of government, having as its ideal the Constitution of the United States of America. Its adherence to American principles has been further signalized by the movement having been incorporated. The object of the Volunteers is to reach with the Gospel of the Lord Jesus Christ the millions of this and other countries which hitherto have been unreached by any existing religious organization. The fact is recognized that these untouched masses pervade every section of society, and while those of the lowliest walks of life—the poor, the vicious, the criminal, the drunkard, and others—will always be the objects of the tenderest solicitude of Volunteers, the teeming thousands of the middle class and the sinful and Godless in even aristocratic circles will also be confronted with the eternal truths of Divine revelation and the glorious Gospel of full salvation.

When it is remembered that this organization has not had the advantage of time in which to augment its forces and attain its present dimensions—being only inaugurated on March 9, 1896—not yet (December 1, 1899) four years old; that its growth has been during a distracting war and in the midst of political and financial agitation, its friends think they may lay claim to a rise and progress phenomenal in Christian history in this country. There are at the present time eight regiments of sixteen battalions; 150 staff officers in positions of responsibility. The Volunteers are established in some 150 cities and towns. During 1899 over $80,000 was raised by posts, 2,611,647 persons were attracted to the open-air service, while 1,937,347 persons attended indoor service.

The Volunteers will seek to coöperate with all the existing Evangelical Churches and religious organizations. To this end the commander-in-chief was ordained a "Presbyter of the Church of God in General." The Sacrament of the Holy Communion will be administered in the Volunteers' meetings by the commander-in-chief and properly qualified and ordained staff officers at least once a month. The Sacrament of Baptism is also recognized, but its observance is left perfectly optional to every individual Volunteer. There is a prison branch of the Volunteers, which has influenced 7,000 prisoners for good living.

The Latter-Day Saints.

THE Mormons, or Church of Jesus Christ of Latter-Day Saints, were organized April 6, 1830, with six members, by Joseph Smith, at Fayette, Seneca County, N. Y. After being driven by mobs from various places in Missouri, Ohio, and Illinois, they settled at Great Salt Lake, Utah, under the leadership of Brigham Young, in 1847. He was the first President, and was succeeded on his death in 1877 by John Taylor, who was succeeded in 1887 by Wilford Woodruff, who died in 1889. The present President is Franklin D. Richards, and he and Brigham Young, Francis M. Lyman, John Henry Smith, George Teasdale, Heber J. Grant, John W. Taylor, Marriner W. Merrill, Anthon H. Lund, Matthias F. Cowley, Abraham O. Woodruff, and Rudger Clawson constitute the Apostolic Quorum. The total Church membership is 300,000, and the number of Elders 1,700.

The Reorganized Church of Jesus Christ of Latter-Day Saints is a separate body, having its headquarters at Lamoni, Iowa. It was organized in 1851, and is presided over by Joseph Smith, son of the Prophet. Its enrolled membership is 40,639, and it has 2,200 active ministers.

The tenets of these two bodies of Mormons were printed in THE WORLD ALMANAC for 1897, page 329.

Society of Colonial Wars.

Governor-General—Frederic J. De Peyster, New York. *Deputy Governors-General*—Howland Pell, for New York; R. M. Cadwalader, for Pennsylvania; Gen. Joseph L. Brent, for Maryland; A. J. C. Sowden, for Massachusetts; C. F. T. Beale, for the District of Columbia; George S. Wylie, for New Jersey; F. J. Kingsbury, for Connecticut; E. A. Chittenden, for Vermont; J. L. Lombard, for Illinois; Henry O. Kent, for New Hampshire; R. T. W. Duke, Jr., for Virginia; C. H. Sampson, for Missouri; E. M. Wood, for Ohio; J. Sterling Morton, for Nebraska; H. P. Upham, for Minnesota; Daniel L. Gooch, for Kentucky; S. R. Thorpe, for California; A. S. Dwight, for Colorado; Col. Philip Read, U. S. A., for Wisconsin; Gov. Elisha Dyer, for Rhode Island; J. A. Carson, for Georgia; T. H. Newberry, for Michigan; H. A. Dupont, for Delaware; J. Kennedy Stout, for Washington; J. M. Gildden, for Maine. *Secretary-General*—Walter L. Suydam, 45 William Street, New York. *Deputy Secretary-General*—Gen. Howard R. Bayne, New York. *Treasurer-General*—Edward Shippen, Philadelphia. *Registrar-General*—George Norbury Mackenzie, Baltimore. *Historian-General*—T. J. O. Rhinelander, New York. *Chaplain-General*—C. Ellis Stevens, Philadelphia.

The Society of Colonial Wars was instituted in 1892 to "perpetuate the memory of these events and of the men who, in military, naval, and civil positions of high trust and responsibility, by their acts or counsel assisted in the establishment, defence, and preservation of the American Colonies, and were in truth the founders of this nation. With this end in view it seeks to collect and preserve manuscripts, rolls, and records; to provide suitable commemorations or memorials relating to the American Colonial period, and to inspire in its members the paternal and patriotic spirit of their forefathers, and in the community respect and reverence for those whose public services made our freedom and unity possible." Eligibility is confined to an adult male descendant of an ancestor who fought in battle under Colonial authority, from the settlement of Jamestown, Va., in 1607, to the battle of Lexington, in 1775, or who served as Governor, Deputy-Governor, Lieutenant-Governor, Member of the Council, or as a military, naval, or marine officer in the service of the Colonies, or under the banner of Great Britain, or was conspicuous in military, official, or legislative life during that period.

Order of Founders and Patriots of America.

Governor-General—Gen. Stewart L. Woodford. *Deputy Governor-General*—William Armstrong Halsey. *Secretary-General*—Charles Mather Glazier. *Treasurer-General*—Charles Wurts Sparhawk. *Attorney-General*—William Raymond Weeks. *Registrar-General*—Edward Hagaman Hall. *Historian-General*—George Rogers Howell. *Chaplain-General*—Rev. John Gaylord Davenport, D. D. *Counselors-General*—Edward Payson Cone, Major Francis Lowell Hills, Hon. James Jerome Belden, Edward Pliny Chapin, Capt. Christopher C. Wolcott, U. S. N., Hon. Lucius Eugene Chittenden, Edward Lang Perkins, Theodore Melvin Banta, George Clinton Miller. The Order was founded in 1896, and was incorporated March 18, the object stated in the articles of incorporation being "to bring together and associate congenial men whose ancestors struggled together for life and liberty, home and happiness, in the land when it was a new and unknown country, and whose line of descent from them comes through patriots who sustained the Colonies in the struggle for independence in the Revolutionary War; to teach reverent regard for the names and history, character and perseverance, deeds and heroism, of the founders of this country and their patriot descendants; to teach that the purpose of the founders could have had no lasting result but for their patriot sons; to inculcate patriotism; to discover, collect, and preserve records, documents, manuscripts, monuments, and history relating to the first colonists and their ancestors and their descendants, and to commemorate and celebrate events in the history of the Colonies and the Republic."

The Settlers and Defenders of America.

A NEW hereditary-patriotic order, incorporated in 1899, but whose organization is yet incomplete. The incorporators are Walter S. Carter, Robert D. Benedict, Ralph E. Prime, William De Hertburn, Washington; William B. Davenport, S. Victor Constant, Robert Endicott, Henry Melville, Edward F. Dwight, P. Tecumseh Sherman, Everett V. Abbot, Rodney S. Dennis, and Grenville B. Winthrop. Its objects are: "To stimulate genealogical, biographical, and historical research, to publish patriotic manuscripts and records, to collect colonial and revolutionary relics, to preserve traditions, to mark patriotic graves, to locate and protect historic sites, to erect tablets and monuments, to aid in founding and erecting libraries, museums, and memorial buildings; and in all other fitting ways, through broad fellowship and coöperation, to perpetuate the memory of the Settlers and Defenders of the nation, and to exemplify and teach in all later generations their spirit of wise patriotism, to the end that we may loyally advance the purpose for which they struggled."

To be eligible, a person must be eighteen years of age, and have lineally descended (1) from a settler in one of the thirteen original Colonies, during the first thirty-three years of its settlement; (2) from one who is also lineally descended from an ancestor who, between May 13, 1607, and April 19, 1775, inclusive, rendered civil or military service in the general government of such colony; and (3) who is likewise lineally descended from an ancestor who, between April 19, 1775, and September 13, 1783, inclusive, rendered actual service to the cause of American Independence, either as a military or naval officer, soldier, seaman, privateer, militia, or minute man, associator, signer of the Declaration of Independence, member of a Continental, Provincial, or Colonial Congress, or Colonial or State Legislature, or as a recognized patriot who performed or actually counselled or abetted acts of resistance to the authority of Great Britain; but no claim of eligibility through descent from a settler or from an ancestor who rendered colonial service to be valid unless the descendants of such ancestor in the line of descent of the applicant were patriots in the War of the Revolution. Women are eligible to admission, and junior chapters of the order are to be established.

Aztec Club of 1847.

President—Gen. Egbert L. Viele, New York City. *Vice-President*—Col. John Campbell, U. S. A., Cold Spring, N. Y. *Secretary*—Macrae Sykes, Kingsbridge, New York City. *Treasurer*—Col. De Lancey Floyd-Jones, U. S. A., Union Club, New York City.

This society, originally composed of officers of the United States armies who served in the war with Mexico, was formed in the City of Mexico in 1847, "with a view to cherish the memories and keep alive the traditions that cluster about the names of those officers who took part in the Mexican War." Membership is confined to officers of the army, navy, and marine corps who served in the war or their blood relatives. Each primary member may nominate as his successor his son or a blood relative, who during the life of the primary member is known as associate-member, and on the death of the former is entitled, as his representative, to full membership. There are 240 members.

Society of Mayflower Descendants.

THE Society of Mayflower Descendants was organized in the city of New York December 22, 1894, by lineal descendants of the Mayflower pilgrims, "to preserve their memory, their records, their history, and all facts relating to them, their ancestors, and their posterity." Every lineal descendant over eighteen years of age, male or female, of any passenger of the voyage of the Mayflower, which terminated at Plymouth, Massachusetts, December, 1620, including all signers of "The Compact," are eligible to membership. The initiation fee is ten dollars and the annual dues are five dollars. The annual meeting is held November 22, the anniversary of the signing of "The Compact." Societies are organized in New York, Massachusetts, Pennsylvania, Connecticut, Ohio, Illinois, and the District of Columbia, with a membership of 2,000. These societies have formed a national organization. The officers of the New York Society are as follows: *Governor*, John Taylor Terry; *Deputy Governor*, Levi P. Morton; *Captain*, I. Bayard Backus; *Elder*, Rev. B. Electus Backus; *Secretary*, Jeremiah Richards, 83 Grand Street, New York; *Treasurer*, Edward L. Norton; *Historian*, R. H. Greene, New York.

The Huguenot Society of America.

THIS Society was organized April 12, 1883, and has its office in New York at No. 105 East Twenty-second Street. *President*, Frederic J. De Peyster; *Vice-Presidents*, William Jay, Rev. Lea Luquer, Henry M. Lester, A. T. Clearwater, Nathaniel Thayer, and Richard Olney, of Boston; William Ely, Prof. D. D. Demarest, of New Jersey; C. M. Du Puy, Col. R. L. Maury, of Richmond, Va., and B. K. Neufville, of Charleston, S. C.; *Treasurer*, George S. Bowdoin; *Secretary*, Mrs. James M. Lawton. Descent from Huguenot ancestors is the qualification necessary for membership.

Irish National Federation of America.

To aid the Home Rule movement in Ireland by constitutional methods and parliamentary agitation. *President*—Dr. Thomas Addis Emmet. *Secretary*—Joseph P. Ryan. *Treasurer*—John D. Crimmins. Headquarters, No. 47 West Forty-second Street.

The American-Irish Historical Society.

President-General—Hon. Thomas J. Gargan, Boston, Mass. *Vice-President-General*—Hon. John D. Crimmins, New York City. *Secretary-General*—Thomas Hamilton Murray, 77 Main Street, Woonsocket, R. I. *Treasurer-General*—Hon. John C. Linehan, Concord, N. H. *Librarian and Archivist*—Thomas B. Lawler, New York City. There is also an executive council and a vice-president for each State.

The Society was organized at Boston, Mass., January 20, 1897, for the special study of the Irish element in the composition of the American people; to investigate and record the influence of this element in the upbuilding of the nation, and to collect and publish facts relating to and illustrating that influence. The Society draws no creed lines, and is non-political. Being an American organization in spirit and principle, it greets and welcomes to its ranks Americans of whatever race descent and of whatever creed who take an interest in the special line of work for which the Society is organized. It at present includes Roman Catholics, Protestant Episcopalians, Methodists, Presbyterians, Unitarians, and members of other denominations. The membership roll contains the names of gentlemen of the seventh, eighth, and ninth American generations. The membership is about 1,200. The society issues an annual bound volume called the "Journal." The annual meeting is held in New York City.

The Scotch-Irish Society of America.

THIS Society was organized in May, 1889, when the first Scotch-Irish Congress was held at Columbia, Tenn. It is composed of the people of Ulster descent, residents of the United States and Canada. Its purpose is declared to be "the preservation of Scotch-Irish history and associations, the increase and diffusion of knowledge regarding the Scotch-Irish people, the keeping alive of the characteristic qualities and sentiments of the race, the promotion of intelligent patriotism, and the development of social intercourse and fraternal feeling." State societies are being formed, and the growth of the organization is expected to be large, as the race is widely extended over the Union, and particularly in the middle South, where such men as Andrew Jackson, John C. Calhoun, and Sam Houston were its types. Membership includes females as well as males. Communications may be addressed to the Honorary Secretary, Rev. J. S. MacIntosh, D. D., No. 220 Witherspoon Building, Philadelphia. The President is Hon. O. P. Temple, Nashville, Tenn.

Society of Tammany, or Columbian Order.

Grand Sachem—Thomas L. Feitner. *Sachems*—John Whalen, John F. Carroll, Daniel F. McMahon, John W. Keller, John J. Scannell, Charles F. Murphy, Randolph Guggenheimer, Maurice Featherson, Asa Bird Gardiner, George W. Plunkitt, George C. Clausen, John Fox, Thomas J. Dunn. *Secretary*—Thomas F. Smith. *Treasurer*—Peter F. Meyer. *Sagamore*—John T. Nagle. *Wiskinkie*—John A. Boyle.

This organization was formed in 1789, being the effect of a popular movement in New York, having primarily in view a counterweight to the so-called "aristocratic" Society of the Cincinnati. It was essentially anti-Federalist or democratic in its character, and its chief founder was William Mooney, an upholsterer and a native-born American of Irish extraction. It took its first title from a noted ancient wise and friendly chief of the Delaware tribe of Indians, named Tammany, who had, for the want of a better subject, been canonized by the soldiers of the Revolution as the American patron saint. The first meeting was held May 12, 1789. The act of incorporation was passed in 1805. The Grand Sachem and thirteen Sachems were designed to typify the President and the Governors of the thirteen original States. William Mooney was the first Grand Sachem. The Society is nominally a charitable and social organization, and is distinct from the general committee of the Tammany Democracy, which is a political organization and cannot use Tammany Hall without the consent of the Society.

Society of the Cincinnati.

GENERAL OFFICERS.

President-General.....Hon. William Wayne, Pa.
Vice-President-General.....Hon. Winslow Warren, Mass.
Secretary-General.....Hon. Asa Bird Gardiner, LL. D., R. I.
Assistant Secretary-General.....Hon. Nicholas Fish, N. Y.
Treasurer-General.....Mr. Frederick Wolcott Jackson, N. J.
Assistant Treasurer-General.....Mr. John Cropper, Va.

The historic and patriotic Order of the Cincinnati was founded by the American and French officers at the cantonments of the Continental army on the Hudson at the close of hostilities in the War of the Revolution for American Independence in May, 1783.

In forming the society it was declared that, "To perpetuate, therefore, as well the remembrance of this vast event as the mutual friendships which have been formed under the pressure of common danger, and, in many instances, cemented by the blood of the parties, the officers of the American army do hereby, in the most solemn manner, associate, constitute, and combine themselves into one Society of Friends, to endure as long as they shall endure, or any of their eldest male posterity, and in failure thereof the collateral branches who may be judged worthy of becoming its supporters and members."

For convenience, thirteen State societies were formed, and one in France, under the direct patronage of Louis XVI. Upon the roll of original members appeared the names of all the great historic military and naval characters of the Revolution, and upon the roll of honorary members, elected for their own lives only, appeared many of the signers of the Declaration of Independence.

THE RIGHT TO MEMBERSHIP.

All Continental officers who had served with honor and resigned after three years' service as officers, or who had been rendered supernumerary and honorably discharged, in one of the several reductions of the American army, or who had continued to the end of the war, and all French officers who had served in the coöperating army under Count d'Estaing, or auxiliary army under Count de Rochambeau, and held or attained the rank of colonel for such services, or who had commanded a French fleet or ship of war on the American coast, were entitled to become original members, and upon doing so were required to contribute a month's pay.

STATE SOCIETIES.

There are nine active State societies—viz., those of Massachusetts, Rhode Island, Connecticut (revived 1893), New York, New Jersey, Pennsylvania, Maryland, Virginia, and South Carolina, and the one in France, which was dispersed at the Reign of Terror in 1793, is being re-established.

There were originally thirteen State societies, corresponding to the number of States at the close of the Revolutionary War. Several of these became dormant in the early part of the nineteenth century, but all these are now revived and reorganized, and those of New Hampshire, Delaware, North Carolina, and Georgia have been provisionally recognized, and may be restored to the general society at its next triennial meeting.

Membership descends to the eldest lineal male descendant, if judged worthy, and, in failure of direct male descent, to male descendants through intervening female descendants.

The general society is composed of the general officers and five delegates from each State society, and meets triennially. In 1854 it ruled that proper descendants of Revolutionary officers who were entitled to original membership, but who never could avail themselves of it, are qualified for hereditary membership, if found worthy, on due application.

GENERAL OFFICERS SINCE ORGANIZATION.

The following have been the principal general officers:

PRESIDENTS-GENERAL.

1783..Gen. George Washington, LL. D., Va.
1800..Major-Gen. Alexander Hamilton, LL. D., N. Y.
1805..Major-Gen. C. Cotesworth Pinckney, LL. D., S. C.
1825..Major-Gen. Thomas Pinckney, A. M., S. C.
1829..Major-Gen. Aaron Ogden, LL. D., N. J.
1839..Major-Gen. Morgan Lewis, A. M., N. Y.
1844..Brevet Major William Popham, N. Y.
1848..Brig.-Gen. H. A. Scammell Dearborn, A. M., Mass.
1854..Hon. Hamilton Fish, LL. D., N. Y.
1896..Hon. William Wayne, Pa.

VICE-PRESIDENTS-GENERAL.

1784..Major-Gen. Horatio Gates, LL. D., Va.
1787..Major-Gen. Thomas Mifflin, A. M., Pa.
1799..Major-Gen. Alexander Hamilton, LL. D., N. Y.
1800..Major-Gen. C. Cotesworth Pinckney, LL. D., S. C.
1805..Major-Gen. Henry Knox, A. M., Mass.
1811..Brig.-Gen. John Brooks, M. D., LL. D., Mass.
1825..Major-Gen. Aaron Ogden, LL. D., N. J.
1829..Major-Gen. Morgan Lewis, A. M., N. Y.
1839..Major the Hon. William Shute, N. J.
1844..Hon. Horace Binney, LL. D., Pa.
1848..Hon. Hamilton Fish, LL. D., N. Y.
1854..Hon. Charles Stewart Davies, LL. D., Mass.
1866..Mr. James Warren Sever, A. M., Mass.
1872..Hon. James Simons, A. M., S. C.
1881..William Armstrong Irvine, M. D., Pa.
1887..Hon. Robert Milligan McLane, Md.
1896. Hon. Winslow Warren, Mass.

SECRETARIES-GENERAL.

1783..Major-Gen. Henry Knox, A. M., Mass.
1799..Major the Hon. William Jackson, Pa.
1829..Mr. Alexander W. Johnston, Pa.
1857..Mr. Thomas McEwen, A. M., M. D., Pa.
1875..Mr. George Washington Harris, Pa.
1884..Hon. Asa Bird Gardiner, LL. D., R. I.

The last triennial meeting of the general society was held in the city of New York in May, 1899. The next triennial meeting will be held in Hartford, Ct., in May, 1902.

The office of the Secretary-General is at Garden City, Long Island, N. Y.

The number of living members of the Society of the Cincinnati, as reported at the triennial meeting May, 1899, including those of the newly re-admitted Virginia Society, was 580. Ex-President Cleveland, Admiral Dewey, and Major-Generals Miles and Howard, U. S. Army, are honorary members of the New York State Society; President McKinley and ex-President Harrison are honorary members of the Pennsylvania State Society, and Lieut.-General John M. Schofield is an honorary member of the New Jersey State Society.

SOCIETY OF THE CINCINNATI—*Continued.*

The following are the presidents, vice-presidents, and secretaries of the several State societies in active operation:

STATES.	Presidents.	Vice-Presidents.	Secretaries.
Massachusetts	Winslow Warren	Thornton K. Lothrop	David Greene Haskins.
Rhode Island	Asa Bird Gardiner	James M. Varnum	George W. Olney.
Connecticut	George Bliss Sanford	Henry L. Abbott	Morris Woodruff Seymour.
New York	William Greene Ward	Nicholas Fish	Talbot Olyphant.
New Jersey	William Scudder Stryker	William Bowen Buck	W. T. B. S. Imlay.
Pennsylvania	William Wayne	Richard Dale	Francis Marinus Caldwell.
Maryland	Otho Holland Williams	William Henry DeCourcy	Thomas E. Sears.
South Carolina	James Simons	Daniel E. Huger Smith	George Haig Tucker.
Virginia	John Cropper	George B. Johnston	Patrick H. Cary Cabell.

State societies are organized in New Hampshire, Delaware, North Carolina, and Georgia, but are not yet admitted to active membership in the general society.

A society of "Daughters of the Cincinnati" was organized in New York in 1894. It is not recognized by the Society of the Cincinnati, and its assumption of the society name was formally disapproved by the general society at its triennial meeting in May, 1896.

Sons of the Revolution.

General President—Ex-Gov. John Lee Carroll, Md.
General Vice-President—Garrett D. W. Vroom, N. J.
Second General Vice-President—Pope Barrow, Ga.
General Treasurer—R. M. Cadwalader, Pa.
Assistant General Treasurer—Henry Cadle, Mo.
General Secretary—J. M. Montgomery, N. Y.
Assistant General Secretary—Wm. H. Harris, Md.
General Registrar—Francis E. Abbott, Mass.
General Historian—H. W. Dudley, Ill.
General Chaplain—Rt. Rev. H. B. Whipple, Minn.

The society of the "Sons of the Revolution" was originated in New York in 1875 by John Austin Stevens, in conjunction with other patriotic gentlemen of Revolutionary ancestry. The New York Society was instituted February 22, 1876; reorganized December 3, 1883, and incorporated May 3, 1884, to "keep alive among ourselves and our descendants the patriotic spirit of the men who, in military, naval, or civil service, by their acts or counsel, achieved American independence; to collect and secure for preservation the manuscript rolls, records, and other documents relating to the War of the Revolution, and to promote intercourse and good feeling among its members now and hereafter." Eligibility to membership is confined to male descendants, above the age of twenty-one years, from an ancestor who as either a military, naval, or marine officer, soldier, sailor, or marine, or official in the service of any one of the thirteen original Colonies or States, or of the National Government, representing or composed of those Colonies or States, assisted in establishing American independence during the War of the Revolution between the 19th day of April, 1775, when hostilities commenced, and the 19th day of April, 1783, when they were ordered to cease. The last triennial meeting of the general society was held at Denver, Col., beginning April 19, 1899. The next triennial meeting of the general society will be held in the city of Washington April 19, 1902.

The officers of the New York Society Sons of the Revolution are as follows: *President*—Frederick Samuel Tallmadge. *Vice-President*—Robert Olyphant. *Secretary*—Morris P. Harris, 146 Broadway. *Treasurer*—Arthur Melvin Hatch. *Registrar*—Prof. H. P. Johnston. *Historian*—Talbot Olyphant. *Chaplain*—Rev. Brockholst Morgan.

There are thirty State societies and a society in the District of Columbia. The aggregate membership is over 7,000, that of the New York State Society being over 2,000, and of the Pennsylvania State Society over 1,000.

Sons of the American Revolution.

NATIONAL OFFICERS.

President-General—Franklin Murphy, N. J.
Vice-Pres.-Gen.—Jos. C. Breckinridge, D. C.
Vice-Pres.-Gen.—John Whitehead, N. J.
Vice-Pres.-Gen.—J. M. Richardson, O.
Vice-Pres.-Gen.—Jonathan Trumbull, Ct.
Secretary-General—Samuel E. Gross, Chicago, Ill.
Treasurer-General—C. W. Haskins, N. Y.
Registrar-General—A. Howard Clark, D. C.
Historian-General—E. M. Gallaudet, D. C.
Chaplain-General—Rev. Rufus W. Clark, Mich.

The National Society of "Sons of the American Revolution" was organized in New York April 30, 1889, and chartered in Connecticut in 1890. Its purposes are the same as those of the older organization, the "Sons of the Revolution." State societies exist in thirty-eight States, the District of Columbia, and Hawaii. A California society of descendants of Revolutionary patriots, entitled "Sons of Revolutionary Sires," organized July 4, 1875, having reorganized and changed its name in 1889, has been admitted to membership. A formal movement by this society and the "Sons of the Revolution" toward a union was attempted in 1892, and again in 1897, but was not successful. The total membership of the organization, according to the report of the Registrar-General made at the annual congress of the general society at Detroit, Mich., April 30, 1899, is 9,690. The Massachusetts Society has 1,300 members, the New York Society over 1,100 members, and the Connecticut Society over 1,000 members.

The New York or Empire State Society was organized February 11, 1890. The following are the officers: *President*—Robert B. Roosevelt. *Secretary*—William W. Kenley, 1123 Broadway, New York. *Treasurer*—Richard T. Davis. *Registrar*—Teunis D. Huntting. *Historian*—Walter R. Benjamin. *Chaplain*—Rev. James M. King.

Mount Vernon Ladies' Association.

THE Washington estate at Mount Vernon, Va., is under the care and direction of the Mount Vernon Ladies' Association of the Union. The founder of the Association, in 1854, was Miss Ann Pamela Cunningham, of South Carolina. She was the first Regent, and was succeeded in 1873 in that position by Mrs. Macalester Laughton. She died in 1891, and the present Regent is Mrs. Justine Van Rensselaer Townsend, of New York (a great-granddaughter of General Philip Schuyler, and great-great-granddaughter of Philip Livingston, the signer of the Declaration of Independence). There are Vice-Regents for thirty-two States.

Military Order of Foreign Wars.

THE Military Order of Foreign Wars of the United States was instituted in the City of New York, December 27, 1894, by veterans and descendants of veterans of one or more of the five foreign wars which the United States had been engaged in, to wit: The War of the Revolution, the War with Tripoli, the War of 1812, the Mexican War, and the War with Spain, "to perpetuate the names and memory of brave and loyal men who took part in establishing and maintaining the principles of the Government" in said wars, and "to preserve records and documents relating to said wars, and to celebrate the anniversaries of historic events connected therewith." Since the establishment of the order the United States has fought its fifth foreign war. By an amendment to the constitution all American officers who participated in the war with Spain are rendered eligible to membership as veteran companions.

Members are entitled "companions," and are either "veteran companions" or "hereditary companions." The former are commissioned officers of the army, navy, or marine corps of the United States who participated in any of the foreign wars of the United States. The latter are direct lineal descendants, in the male line only, of commissioned officers who served honorably in any of the said wars. Commanderies may be established in each of the States, and State commanderies now exist in the States of New York, Pennsylvania, Connecticut, Illinois, California, Massachusetts, Florida, Maryland, District of Columbia, Ohio, Missouri, and Vermont.

The National Commandery was instituted March 11, 1896, by the officers of the New York, Pennsylvania, and Connecticut commanderies. The following are the officers of the National Commandery: *Commander-General*—Major-General Alexander S. Webb, U. S. A. *Secretary-General*—James H. Morgan, St. Paul Building, New York City. *Treasurer-General*—Edward S. Sayres. *Registrar-General*—Rev. Henry N. Wayne. *Historian-General*—Captain Samuel E. Gross, U. S. V. *Judge-Advocate-General*—Frank Montgomery Avery. *Chaplain-General*—Rev. C. Ellis Stevens. *Recorder-General*—Charles D. Walcott. There are Vice-Presidents-General representing each State society.

Naval Order of the United States.

THE Naval Order of the United States is composed of a General Commandery and commanderies in the States of Massachusetts, Pennsylvania, New York, California, and Illinois, and in the District of Columbia. The General Commandery meets triennially on October 5, and the State Commanderies meet annually in the month of November. The Massachusetts Commandery is the parent Commandery, and was organized at Boston on July 4, 1890. The General Commandery was established three years later, on June 19, 1893. The Companions of the Order are officers and the descendants of officers who served in the navy and marine corps in any war or in any battle in which the said naval forces of the United States have participated. The membership clause, as adopted at the triennial congress held at Boston, October 5, 1895, provides for two classes of members: First, veteran officers and their male descendants, and, second, enlisted men who have received the United States naval medal of honor for bravery in the face of the enemy. The next triennial meeting will be held at New York in November, 1902.

The officers of the General Commandery are: *General Commander*—Rear-Admiral John G. Walker. *Vice-General Commanders*—Admiral George Dewey, Rear-Admiral George E. Belknap, Colonel John Biddle Porter. *General Recorder*—Lieutenant-Commander Leonard Chenery. *Assistant General Recorder*—Rodney Macdonough. *General Treasurer*—Jarvis B. Edson, late U. S. N. *General Registrar*—J. V. P. Turner, late U. S. N. *General Historian*—Captain R. S. Collum, U. S. M. C. *General Chaplain*—Rev. George Williamson Smith, D. D. *General Council*—Rear-Admiral W. S. Schley, Commodore Norman H. Farquhar, Chief Engineer George W. Melville, Captain Hobart H. Bellas, U. S. A.; Medical Director George W. Woods, Captain Henry C. Taylor, Commodore John W. Philip, Lieutenant-Commander Edward M. Stedman, Paymaster John Randolph Carmody. The Commander of the New York Commandery, which is the largest in the order, is Admiral George Dewey.

Societies of the War of 1812.

SOCIETY OF THE WAR OF 1812 AND VETERAN CORPS OF ARTILLERY IN THE STATE OF NEW YORK.

INSTITUTED as a military society by the veterans of the War of 1812, on January 3, 1826, in the City of New York, and incorporated under the laws of the State of New York by the surviving veteran members, January 8, 1892.

The officers are: *President*—Rev. Morgan Dix, D. D., D. C. L. *Vice-President*—Hon. Asa Bird Gardiner, LL. D. *Secretary*—Vacant. *Assistant Secretary*—Charles Isham. *Treasurer*—Charles Augustus Schermerhorn.

The original members comprise those who actually served in the military or naval forces of the United States during the War of 1812, or on vessels other than merchant ships which sailed under commissions of letters of marque and reprisal from the United States in that war.

Eligibility to hereditary membership is confined to descendants of commissioned officers who actually served in the War of 1812, and descendants of former members of the Society in the State of New York, and of other military societies of 1812.

The purposes of the order are to inspire among the members and among the American people the patriotic spirit of the men who, during the War of 1812, defended their country against hostile encroachments on its rights and interests and caused its sovereignty and independence to be respected; to inculcate and maintain the great principles of the laws of nations for which they contended; to collect and preserve the manuscript rolls, records, and other documents relating to that war, and to commemorate the land and naval victories of the American arms in that war; to undertake and assist in the erection of proper memorials thereof; to perpetuate the mutual friendships formed in that war under the pressure of common danger, and to promote fellowship among the members of every degree.

THE GENERAL SOCIETY OF THE WAR OF 1812.

Composed of federated State societies, in Maryland, Pennsylvania, Connecticut, Massachusetts, Ohio, and other States. The officers are: *President-General*—Hon. John Cadwalader, Philadelphia, Pa. *Treasurer-General*—Satterlee Swartwout, Stamford, Ct. *Secretary-General*—Henry Hobart Bellas, Germantown, Pa. Lineal descendants of soldiers and sailors (whether enlisted or sailing under letters of marque and reprisal) only are entitled to membership.

Military Order of the Loyal Legion.

Commander-in-Chief—Lieut.-Gen. John M. Schofield. *Senior Vice-Commander-in-Chief*—Acting Volunteer Lieut. Charles P. Clark. *Junior Vice-Commander-in-Chief*—Brig.-Gen. Henry C. Merriam. *Recorder-in-Chief*—Brevet Lieut.-Col. John P. Nicholson. *Registrar-in-Chief*—Brevet Major William P. Huxford. *Treasurer-in-Chief*—Paymaster George De F. Barton. *Chancellor-in-Chief*—Brevet Brig.-Gen. William L. James. *Chaplain-in-Chief*—Brevet Major Henry S. Burrage. *Council-in-Chief*—Brevet Major George W. Chandler, Rear-Admiral George Brown, Col. Charles A. Woodruff, Brevet Major-Gen. John B. Sanborn, Capt. Roswell H. Mason.

The Military Order of the Loyal Legion of the United States was organized by officers and ex-officers of the army, navy, and marine corps of the United States who took part in the Civil War of 1861-65. Membership descends to the eldest direct male lineal descendant, according to the rules of primogeniture. There are 20 commanderies, each representing a State, and one commandery representing the District of Columbia. The total membership of the Loyal Legion July 31, 1899, was 9,099.

ROLL OF COMMANDERIES.

No.	Commandery of the—	Headquarters.	Instituted.	Recorders.	Address.
1	State of Pa.	Philadelphia.	Apr. 15, 1865	Brev. Lieut.-Col. J. P. Nicholson.	139 South 7th St., Phila.
2	State of N. Y..	N. Y. City....	Jan. 17, 1866	Asst. Paymaster A. N. Blakeman	140 Nassau St., New York
3	State of Maine.	Portland.....	Apr. 25, 1866	Brevet Major Henry S. Burrage.	Oxford Bldg., Portland.
4	State of Mass ..	Boston	Mar. 4, 1868	Col. Arnold A. Rand	19 Milk St., Boston.
5	State of Cal	San Francisco	Apr. 12, 1871	Brev. Lieut.-Col. W. R. Smedberg	224 Sansome St., S. Fran.
6	State of Wis. ..	Milwaukee ..	May 15, 1874	Capt. A. Ross Houston....	Milwaukee.
7	State of Illinois	Chicago	May 8, 1879	Capt. Roswell H. Mason.....	76 Monroe St., Chicago.
8	District of Col..	Washington .	Feb. 1, 1882	Brevet Major Wm. P. Huxford...	Atlantic Bldg., Wash.
9	State of Ohio...	Cincinnati ...	May 3, 1882	Brevet Major A. M. Van Dyke..	Cincinnati.
10	State of Mich ..	Detroit	Feb. 4, 1885	Brevet Brig.-Gen. F. W. Swift....	Detroit.
11	State of Minn..	St. Paul	May 6, 1885	Lieut. David L. Kingsbury.....	St. Paul.
12	State of Oregon	Portland	May 6, 1885	Capt. Gavin E. Caukin.....	Portland.
13	State of Mo	St. Louis	Oct. 21, 1885	Capt. William R. Hodges..	Laclede Bldg., St. Louis.
14	State of Neb ...	Omaha	Oct. 21, 1885	Lieut. F. B. Bryant	Omaha.
15	State of Kansas	Leavenworth	Apr. 22, 1886	Brevet Capt. George Robinson...	Fort Leavenworth.
16	State of Iowa ..	Des Moines ..	Oct. 20, 1886	First Lieut. and Adj. J. W. Muffly	Des Moines.
17	State of Col	Denver	June 1, 1887	Brevet Capt. James R. Saville....	95 Kittredge B., Denver.
18	State of Ind....	Indianapolis .	Oct. 17, 1888	Col. Z. A. Smith.....	Indianapolis.
19	State of Wash .	Tacoma	Jan. 14, 1891	Lieut. Commander J. E Noel...	Tacoma.
20	State of Vt	Burlington...	Oct. 14, 1891	First Lieut. Wm. L. Greenleaf...	Burlington.

Commander-in-Chief, Headquarters, Philadelphia. Instituted October 21, 1885. Brevet Lieut.-Col. John P. Nicholson, *Recorder-in-Chief.*

Societies of the Union Army of 1861-65.

SOCIETY OF THE ARMY OF TENNESSEE.

President—Gen. Grenville M. Dodge, New York. *Vice-Presidents*—Col. W. A. Jenkins, Illinois; Col. James Kilbourne, Ohio; Capt. Joseph Dickerson, Washington; Gen. R. A. Alger, Michigan; Capt. J. A. T. Hull, Iowa; Col. Charles Parsons, Missouri; Gen. R. W. Healy, Tennessee; James R. Stack, Indiana; Capt. H. A. Vastle, Minnesota; Gen. E. A. Carr, District of Columbia; Capt. F. H. Madgeburg, Wisconsin, and George Buckland, Ohio. *Corresponding Secretary*—Gen. Andrew Hickenlooper, Cincinnati. *Recording Secretary*—Col. Cornelius Cadle, Cincinnati. *Treasurer*—Gen. Manning F. Force, Ohio. The Society was organized at Raleigh, N. C., April 14, 1865.

SOCIETY OF THE ARMY OF THE CUMBERLAND.

Acting President—Gen. David S. Stanley. *Corresponding Secretary*—Gen. H. V. Boynton. *Treasurer*—Hon. John Tweedale. *Recording Secretary*—Col. J. W. Steele. *Historian*—Col. G. C. Kniffin. *Executive Committee*—Officers of the society *ex officio*, Gen. C. H. Grosvenor, Chairman; Gen. J. W. Burke, Gen. J. Barnett, Gen. R. A. Alger, Gen. A. Baird, Gen. T. J. Wood, Capt. J. W. Foley. The Society was organized in February, 1868, and its present membership is 500.

SOCIETY OF THE ARMY OF THE POTOMAC.

President—Brevet Brig.-Gen. Orlando Smith, U. S. V. *Vice-Presidents*—First Corps, Gen. Louis Wagner, U. S. V.; Second Corps, Gen. R. N. Batchelder, U. S. A.; Third Corps, Capt. A. H. G. Richardson, U. S. V.; Fourth Corps, Gen. George D. Ruggles, U. S. A.; Fifth Corps, Gen. James G. Grindlay, U. S. V.; Sixth Corps, Sergt. Henry C. La Rowe, U. S. V.; Ninth Corps, Major James B. Horner, U. S. V.; Eleventh Corps, Gen. L. P. Di Cesnola, U. S. V.; Twelfth Corps, Lieut.-Col. John P. Nicholson, U. S. V.; Eighteenth Corps, Gen. Theodore S. Peck, U. S. V.; Nineteenth Corps, Col. J. G. McNutt, U. S. V.; Cavalry Corps, Col. John J. McCook, U. S. V.; Signal Corps, Col. Samuel T. Cushing, U. S. V.; General Staff, Gen. Thomas Wilson, U. S. A. *Treasurer*—Brevet Lieut.-Col. Samuel Truesdell, U. S. V., 396 Canal Street, New York. *Recording Secretary*—Brevet Col. Horatio C. King, U. S. V., 375 Fulton Street, Brooklyn, N. Y. *Corresponding Secretary*—Col. Charles W. Scott, 222 Park Avenue, Chicago, Ill.

The Society of the Army of the Potomac was organized in 1868. The present membership is 1,800.

THE ELEVENTH ARMY CORPS ASSOCIATION.

President and Historian—Col. Aug. C. Hamlin, Bangor, Me. *Vice-President of First Division*—Gen. John T. Lochman. *Vice-President of Second Division*—Col. Thomas Reilly. *Vice-President of Third Division*—Capt. A. B. Searles. *Vice-President of the Army of the Potomac*—Gen. L. P. Di Cesnola. *Recording Secretary*—Capt. Francis Irsch, 1 Old Slip, New York. *Treasurer*—Capt. F. Wernock.

The Association was organized at Portland, Me., July 5, 1890. The membership is now about one hundred, and among the members are the following veteran officers: Gen. Franz Sigel, Gen. O. O. Howard, U. S. A.; Gen. Carl Schurz, Gen. Julius Stahel, Gen. Orlando Smith, Gen. F. C. Winkler, Gen. E. W. Whittlesey, Gen. C. H. Howard, Col. F. A. Meysenburg, Col. J. C. Lee, Col. M. Weidrich, Col. Theo. A. Dodge.

Grand Army of the Republic.

Commander-in-Chief.....Albert D. Shaw, Watertown, N. Y.

Senior Vice-Com...Irvin Robbins, Indianapolis, Ind.
Junior Vice-Com...Michael Minton, Louisville, Ky.

Surgeon-Gen.....Wm. H. Baker, Lynn, Mass.
Chaplain-in-Chief. Rev. J. L. Grimm, Baltimore, Md.

OFFICIAL STAFF.

Adjutant-General.....Thomas J. Stewart, Philadelphia, Pa.

Quartermaster-Gen. E. J. Atkinson, New York City.
Inspector-Gen...Nathan P. Pond, Rochester, N. Y.

Judge-Adv.-Gen...Eli Torrance, Minneapolis, Minn.
Sen. Aide-de-Camp. J. Cory Winans, Troy, O.

The National Council of Administration has 45 members, each department being represented by one member.

Departments. (45.)	Department Commanders.*		Assistant Adjutants-General.		Members.
Alabama	A. P. Stone	Birmingham	E. D. Bacon	Birmingham	190
Arizona	G. Broughton	Prescott	W. F. R. Schindler	Prescott	221
Arkansas	Geo. W. Clark	Little Rock	P. S. Smith	Little Rock	590
Calif. & Nevada	A. F. Dill	San Diego	T. C. Masteller	San Francisco	4,903
Colo. & Wyom.	Andrew A. Royal	Pueblo	Dan. W. Brown	Pueblo	2,082
Connecticut	Henry R. Jones	New Hartford	John H. Thacher	Hartford	5,034
Delaware	Wm. H. Moystin	Wilmington	William A. Reilly	Wilmington	682
Florida	Edwin Kirby	Fruitland	S. W. Fox	Jacksonville	351
Georgia	Alex. Mattison	Atlanta	James P. Averill	Atlanta	523
Idaho	S. L. Thompson	Lewiston	Albert Small	Lewiston	359
Illinois	John B. Inman	Springfield	C. A. Partridge	Chicago	23,310
Indiana	Wm. L. Dunlap	Franklin	R. M. Smock	Indianapolis	17,257
Indian Ter.	Gideon S. White	Vinita	H. C. Luey	Vinita	241
Iowa	C. F. Bailey	Ireton	L. M. Black	Des Moines	14,953
Kansas	O. H. Coulter	Topeka	George W. Veale	Topeka	13,621
Kentucky	Jos. H. Browning	Louisville	Bernard Matthews	Louisville	3,346
La. & Mississippi	Chas. W. Keeting	New Orleans	John A. Brookshire	New Orleans	827
Maine	Frederick Robie	Portland	Edward C. Swett	Portland	7,242
Maryland	L. M. Zimmerman	Baltimore	Robt. C. Sunstrom	Baltimore	2,623
Massachusetts	John E. Gilman	Boston	Edward P. Preble	Boston	19,734
Michigan	Russell R. Pealer	Three Rivers	C. V. R. Pond	Lansing	15,136
Minnesota	D. B. Searle	St. Cloud	B. M. Hicks	Minneapolis	6,695
Missouri	John W. Scott	Moberly	Thos. B. Rodgers	St. Louis	11,768
Montana	C. B. Miller	Helena	L. D. Beaty	Helena	456
Nebraska	John E. Evans	North Platte	Winslow H. Barger	Lincoln	6,445
N. Hampshire	H. L. Worcester	Rochester	Frank Battles	Concord	3,736
New Jersey	George Barrett	Camden	H. L. Hartshorn	Camden	5,957
New Mexico	George W. Knaebel	Santa Fé	Wm. M. Berger	Santa Fé	144
New York	Joseph W. Kay	Brooklyn	Nathan Munger	Albany	33,487
North Dakota	William Ackerman	Grand Forks	Wm. H. Brown	Grand Forks	538
Ohio	Thomas R. Shinn	Ashland	O. F. Crall	Ashland	25,798
Oklahoma	J. J. S. Hassler	Enid	J. E. Burns	Kingfisher	504
Oregon	H. V. Gates	Hillsboro	J. E. Mayo	Portland	1,698
Pennsylvania	James F. Morrison	Philadelphia	Henry I. Yohn	Philadelphia	30,166
Potomac	Calvin Farnsworth	Washington, D. C.	B. F. Chase	Wash't'n, D.C.	2,683
Rhode Island	Charles O. Ballou	Providence	Philip S. Chase	Providence	1,960
South Dakota	William L. Palmer	Carthage	Asher F. Pay	Huron	1,374
Tennessee	H. Crumbliss	Kingston	Frank Seannan	Knoxville	1,728
Texas	John Roch	Dublin	J. C. Bigger	Dallas	667
Utah	M. M. Kaighn	Salt Lake City	F. M. Bishop	Salt Lake City	238
Vermont	F. G. Butterfield	Derby Line	K. Richmond	Newport	3,592
Va. & No. Caro.	John W. Rutter	Portsmouth	A. A. Hager	Nat. Home, Va	1,065
Wash. & Alaska	J. W. Langley	Seattle	J. H. Wilson	Seattle	2,259
West Virginia	C. R. Lavalley	Huntington	G. W. Hutchinson	Huntington	1,264
Wisconsin	Henry Harnden	Madison	Charles A. Curtis	Madison	10,234
Total, June 30, 1899					287,981

* New department officers are elected from January to April, 1900.

The number of Grand Army Posts June 30, 1899, was 6,905.

The first post of the Grand Army was organized at Decatur, Ill., April 6, 1866. The first National Encampment was held at Indianapolis, November 20, 1866. The next will be held at Chicago, Ill.

NATIONAL ENCAMPMENTS AND COMMANDERS-IN-CHIEF.

1866—Indianapolis.....Stephen A. Hurlbut, Ill.
1868—Philadelphia .....John A. Logan, Ill.
1869—Cincinnati .....John A. Logan, Ill.
1870—Washington .....John A. Logan, Ill.
1871—Boston ....A. E. Burnside, Rhode Is.
1872—Cleveland.....A. E. Burnside, Rhode Is.
1873—New Haven .....Charles Devens, Jr., Mass.
1874—Harrisburg .....Charles Devens, Jr., Mass.
1875—Chicago .....John F. Hartranft, Pa.
1876—Philadelphia.....John F. Hartranft, Pa.
1877—Providence .....J. C. Robinson, New York.
1878—Springfield .....J. C. Robinson, New York.
1879—Albany .....William Earnshaw, Ohio.
1880—Dayton.....Louis Wagner, Pa.
1881—Indianapolis.....George S. Merrill, Mass.
1882—Baltimore .....Paul Van Der Voort, Neb.
1883—Denver .....Robert B. Beath, Pa.
1884—Minneapolis .....John S. Kountz, Ohio.
1885—Portland, Me.....S. S. Burdette, D. C.
1886—San Francisco....Lucius Fairchild, Wis.
1887—St. Louis.....John P. Rea, Minn.
1888—Columbus, Ohio..William Warner, Mo.
1889—Milwaukee.....Russell A. Alger, Mich.
1890—Boston.....Wheelock G. Veazey, Vt.
1891—Detroit.....John Palmer, New York.
1892—Washington.....A. G. Weissert, Wis.
1893—Indianapolis.....John G. B. Adams, Mass.
1894—Pittsburgh.....Thos. G. Lawler, Ill.
1895—Louisville.....Ivan N. Walker, Ind.
1896—St. Paul.....Thaddeus S. Clarkson, Neb.
1897—Buffalo.....John P. S. Gobin, Pa.
1898—Cincinnati.....*James A. Sexton, Ill.
1898— " .....W. C. Johnson, Ohio.
1899—Philadelphia .....Albert D. Shaw, N. Y.

* Died February 5, 1899.

Woman's Relief Corps.

AUXILIARY TO THE GRAND ARMY OF THE REPUBLIC.

National President—Agnes Hitt, 40 When Building, Indianapolis, Ind. *National Secretary*—Ida S. McBride, Indianapolis, Ind.

This organization was created by the mothers, wives, daughters, and sisters of Union soldiers of the Civil War of 1861-65, for the purpose of aiding and assisting the Grand Army of the Republic, and to "perpetuate the memory of their heroic dead," to "extend needful aid to the widows and orphans," to "cherish and emulate the deeds of our army nurses," and to "inculcate lessons of patriotism and love of country among our children and in the communities in which we live." The organization is composed of departments, which are subdivided into corps.

Sons of Veterans, U. S. A.

Commander-in-Chief—A. W, Jones, Youngstown, O. *Senior Vice-Commander-in-Chief*—A. L. Sorter, Jr., Mason City, Ia. *Junior Vice-Commander-in-Chief*—W. L. Raynes, Battle Creek, Mich. *Adjutant-General*—W. E. Baldwin, Youngstown, O.

Camp No. 1, Sons of Veterans, U. S. A., was organized in the city of Philadelphia, September 29, 1879. The organization is composed of lineal descendants, over eighteen years of age, of honorably discharged soldiers, sailors, or marines who served in the late Civil War. There are now about two thousand Camps, with a membership of one hundred thousand distributed among twenty-nine Divisions, corresponding to States, the general society or national body constituting the Commandery-in-Chief. Each Camp has its own officers, the head officer being the Captain. The principal officer of the Division is the Commander. The nineteenth annual encampment will be held at Syracuse, N. Y., in September, 1900.

Society of the Sons of War Veterans.

THE Society of the Sons of War Veterans is composed of the male lineal descendants above the age of eighteen years of honorably discharged Union soldiers, sailors, or marines who served in the War of 1861-65 for a period of not less than six months (a part of said service having been at the front), unless discharged on account of wounds received in battle or killed in the discharge of duty.

Commander-in-Chief—W. F. Langschultz, New York City. *Deputy Commanders*—Charles S. Watrous, Bridgeport, Ct., and Andrew Emerich, Montpelier, Vt. *Adjutant-Genral*—W. F. Kennedy, 110 East Forty-seventh Street, New York City. *Quartermaster-General*—John J. Harvey, New York City.

The objects are "to preserve and perpetuate the principles for which our ancestors fought in battle, to support, aid, and assist the Union soldiers and their widows, and for mutual benefit and advancement."

Union Veteran Legion.

National Commander—W. R. Wooters, Philadelphia, Pa. *Senior Vice-National Commander*—J. Ben. Renner, Cincinnati, O. *Junior Vice-National Commander*—H. C. Zollinger, Fort Wayne, Ind. *Quartermaster-General*—Thomas J. Hubbard, Baltimore, Md. *Adjutant-General*—John N. Rober, Philadelphia, Pa.

The Union Veteran Legion was organized at Pittsburgh, Pa., March, 1884, and the National organization was perfected November 17, 1886. Encampments are now organized in 21 States and the District of Columbia, numbering 152 encampments. The membership is over 20,000. To become a member, the applicant must have been an officer, soldier, sailor, or marine of the Union army, navy, or marine corps during the late Civil War, who *volunteered prior to July* 1, 1863, for a term of three years, and was honorably discharged for any cause, after a service of at least two continuous years; or was, at any time, discharged by reason of wounds received in the line of duty; also those who volunteered for a term of two years *prior to July* 22, 1861, *and served their full term of enlistment*, unless discharged for wounds received in the line of duty; but no drafted person, nor substitute, nor any one who has at any time borne arms against the United States is eligible. A statement by the Adjutant-General of the Legion says: "It is believed that those who entered the service prior to July, 1863, had but one object in view, and that was the preservation of the Union. There were no bounties prior to that date, nor were there any fears of a draft; consequently, those who shouldered a musket or wielded a sabre felt that it was a sacred duty to offer their lives in defence of their country's honor."

Union Veterans' Union.

Commander-in-Chief—Charles W. Wood, Worcester, Mass. *First Deputy Commander-in-Chief*—J. W. Long, Soldiers' Home, Kent Co., Mich. *Second Deputy Commander-in-Chief*—P. G. Harshbarger, Louisville, Ky. *Adjutant-General*—C. W. Putnam, Worcester, Mass. *Quartermaster-General*—E. D. McFarland, Worcester, Mass. *Chief of Staff*—Charles P. Battelle, Somerville, Mass.

The Union Veterans' Union was organized in Washington, D. C., in the year 1886. It is composed of honorably discharged Union soldiers, sailors, and marines, of good character, who served at least six months continuously, unless sooner discharged on account of wounds or injuries received in the line of duty, during the Civil War.

National Association of Naval Veterans.

Commodore Commanding—George L. Seavey, Chicago, Ill. *Fleet Captain and Chief of Staff*—I. D. Baker, Boston, Mass. *Fleet Commander*—James A. Miller, Athens, O. *Fleet Secretary*—Frederick E. Haskins, 767 Washington Avenue, Brooklyn, N. Y.

The National Association of Naval Veterans was organized by delegates from the various associations of naval veterans throughout the Union at a meeting held in the City of New York, in January, 1887. Any officer, appointed or enlisted man who has served in the United States Navy, United States Marine Corps, or United States Revenue Marine Service during any portion of the time between April 12, 1861, and August 25, 1865, who has not borne arms against the United States, or been convicted of any infamous crime, and who has been honorably discharged or resigned by an honorable acceptance of resignation, is eligible to membership in this association. There are 41 local associations under the national charter, a paid membership of over 8,500, and 3,000 contributing members.

The National Society of the Spanish-American War.

Honorary President—Clara Barton. *Honorary Vice-Presidents*—Admiral George Dewey, Mrs. John A. Logan, Rear-Admiral W. S. Schley, and Major-Gen. N. A. Miles. *National Executive Secretary*—Hildegarde H. Langsdorff, M. D., Carlisle, Pa. *National Advisory Council*—The Governors of the various States and Territories and other prominent Americans.

This Society was organized August 12, 1898. Its headquarters are in Baltimore, Md. Local councils of the Society may, upon approval of the Executive Council, be formed in any community. Membership is open to all patriotic Americans. Men and women share equally the honors and duties of membership. The badge of the Society is a circular field of dark-blue enamel. The edge of the field is worked into thirteen points; on the field are thirteen golden stars encircling the letters "L. W. F.," which stand for the motto of the Society, which is, "Lest We Forget." The executive officers wear signet rings in the shape of eagle's claws grasping a sard, upon which are engraved the letters "L. W. F." and the insignia of the rank of the officer. The membership fee, payable to the National Society, is $1; patrons and patronesses pay $5 annually, and life members, $100 in one payment. The local fees are regulated by the local councils. The local councils have great freedom of action. All that is required of them is unswerving fidelity to the purposes of the National Society, the payment of yearly dues, and certain work on Memorial Day.

Naval and Military Order Spanish-American War.

INSTITUTED February 2, 1899. *Commander*—Col. Theodore Roosevelt. *Senior Vice-Commander*—Capt. Henry C. Taylor. *Junior Vice-Commander*—Brig.-Gen. Wallace F. Randolph. *Secretary*—Lieut. Walter J. Sears, Navy Department, Washington, D. C. *Treasurer*—Ensign Frank W. Toppan. *Registrar*—Lieut. Theodore C. Zerega. *Chaplain*—Charles H. Parks. *Council*—Col. Theodore Roosevelt, Brig.-Gen. J. W. Clous, Capt. Henry C. Taylor, Lieut. Alfred B. Frye, Ensign Frank W. Toppan, Major Parker W. West, Lieut. W. Butler Duncan, Jr., Brig.-Gen. Wallace F. Randolph, Lieut. Theodore C. Zerega, Lieut.-Commander Leonard Chenery, Lieut. Walter J. Sears, Chaplain Charles H. Parks, Major L. L. Seaman, Major T. C. Chalmers, Capt. A. J. Bleecker, and Capt. John T. Hilton. Membership is composed of persons who served on the active list, or performed active duty as a commissioned officer, regular or volunteer, during the war with Spain, or who participated in the war as a naval or military cadet. Membership descends to the eldest male descendant in the order of primogeniture.

Society of the Army of Santiago de Cuba.

ORGANIZED in the Governor's Palace at Santiago de Cuba, July 31, 1898. The constitution of the Society makes the following provisions:

The purpose of this organization is to record the history and conserve the memory of the events of the campaign which resulted in the surrender on the 17th day of July, 1898, of the Spanish army, the city of Santiago de Cuba, and the military province to which it pertained.

The membership of the Society shall consist of all officers and soldiers of the United States Army (including Acting Assistant Surgeons and authorized volunteer Aides) who constituted the expeditionary force to Santiago de Cuba, and who worthily participated in the campaign between the dates of June 14 and July 17, 1898, and who shall signify their wish for membership by making application and paying the dues.

The officers of the Society elected for the first year are as follows: *President*, Major-Gen. Wm. R. Shafter, U. S. V.; *First Vice-President*, Major-Gen. Joseph Wheeler, U. S. V.; *Second Vice-President*, Major-Gen. J. Ford Kent, U. S. V.; *Third Vice-President*, Major-Gen. H. W. Lawton, U. S. V.; *Fourth Vice-President*, Major-Gen. John Coulter Bates, U. S. V.; *Secretary and Treasurer*, Major Alfred C. Sharpe, Assistant Adjutant-General, U. S. V., Washington, D. C.; *Registrar-General*, Major Philip Reade, Inspector-General, U. S. V.; *Historian*, Major G. Creighton Webb, Inspector-General, U. S. V.

The Rough Riders' Association.

BEFORE the disbanding of the First Regiment United States Volunteer Cavalry, serving in Cuba, the members organized the Rough Riders' Association. All members of the regiment are eligible to membership in the Association, and membership descends to the eldest sons of original members, as in the Order of the Cincinnati, founded by the officers of the Revolutionary War. The following are the officers for the first year: *President*, Lieut.-Col. Alexander O. Brodie; *Vice-Presidents*, Col. Theodore Roosevelt and Brig.-Gen. Leonard Wood; *Secretary-Treasurer*, Lieut. J. D. Carter.

Naval Order of St. Louis.

INSTITUTED May 1, 1898. Incorporated July 26, 1899. *Senior Member*—Capt. Caspar F. Goodrich, U. S. M. *Treasurer*—P. A. Paymaster T. Hinsey, late U. S. N. *Secretary*—P. A. Surgeon R. Lloyd Parker, late U. S. N., Pier 14 N. R., New York. The particular objects of the association are the continuation of the good feeling and fellowship begun while commissioned officers on board or with the United States steamship St. Louis, and to perpetuate the memory of the part that vessel and her consorts took in the Spanish-American War.

United States Veteran Navy.

THIS organization was formed in the City of New York, September 21, 1899, and has 42 local bodies called squadrons and 3,000 members, composed of naval officers and enlisted men who served in the civil and Spanish wars. B. S. Osbon is Flag Officer Commanding, and George H. Wood, Fleet Secretary. Headquarters, 15 Whitehall Street, New York.

United Confederate Veterans.

Commander—Gen. John B. Gordon, of Georgia. *Adjutant-General and Chief of Staff*—Major-Gen. George Moorman, New Orleans, La.

Army of Northern Virginia Department—*Commander*, Lieut.-Gen. Wade Hampton, Columbia, S. C.

Army of Tennessee Department—*Commander*, Lieut.-Gen. Stephen D. Lee, Starkville, Miss. *Adjutant-General*—Brig.-Gen. E. T. Sykes, Columbus, Miss.

Trans-Mississippi Department—*Commander*, Lieut.-Gen. W. L. Cabell, Dallas, Tex. *Adjutant-General*—Brig.-Gen. A. T. Watts, Dallas, Tex.

The *Confederate Veteran*, Nashville, Tenn., established by S. A. Cunningham, is the official organ of the association.

This association was organized at New Orleans June 10, 1889. Its avowed purpose is strictly social, literary, historical, and benevolent. Its constitution says that it "will endeavor to unite in a general federation all associations of Confederate veterans, soldiers, and sailors now in existence or hereafter to be formed; to gather authentic data for an impartial history of the war between the States; to preserve relics or mementoes of the same; to cherish the ties of friendship that should exist among men who have shared common dangers, common sufferings, and privations; to care for the disabled and extend a helping hand to the needy; to protect the widows and the orphans, and to make and preserve a record of the resources of every member, and, as far as possible, of those of our comrades who have preceded us in eternity." State organizations are authorized, and are called Divisions. The present headquarters of the association are at New Orleans, La. Number of Camps, 1,170. Number of members, according to last report, about 45,000. The last reunion of the veterans was at Charleston, S. C., in July, 1899. The next reunion will be at Louisville, Ky., in 1900.

United Sons of Confederate Veterans.

THE general society of this organization, which is composed of representatives of local camps throughout the United States, held its reunion in 1899 at Charleston, S. C. The following is the official roster:

Commander-in-Chief—Walter T. Colquitt, Atlanta, Ga. *Adjutant-General, Chief of Staff*—L. D. T. Quinby, Atlanta, Ga. *Quartermaster-General*—E. Leslie Spence, Jr., Richmond, Va. *Surgeon-General*—Dr. Mike Hoke, Richmond, Va. *Inspector-General*—T. T. Stockton, Jacksonville, Fla. *Chaplain-General*—Rev. J. H. McCoy, Huntsville, Ala. *Commissary-General*—John I. Moore, Asheville, N. C. *Judge-Advocate-General*—John Marks, Napoleonville, La.

United Daughters of the Confederacy.

President—Mrs. Kate Cabell Currie, Dallas, Tex. *First Vice-President*—Mrs. C. A. Forney, Hope, Ark. *Second Vice-President*—Mrs. Helen C. Plane, Atlanta, Ga. *Recording Secretary*—Mrs. John P. Hickman, Nashville, Tenn. *Corresponding Secretary*—Miss Mary F. Meares, Wilmington, N. C. *Treasurer*—Mrs J. Jefferson Thomas, Atlanta, Ga.

The United Daughters of the Confederacy was organized at Nashville, Tenn., September 10, 1894. It is composed of the widows, wives, mothers, sisters, and lineal female descendants of men who served honorably in the army and navy of the Confederate States, or who served in the Civil Service of the Confederate States or one of the Southern States, or who gave personal services to the Confederate cause. There are local federations, governed by State divisions, which in turn are subordinate to the National organization. The objects of the United Daughters of the Confederacy, as stated in the constitution of the Society, are "social, literary, historical, monumental, benevolent, and honorable in every degree, without any political signification whatever." It will endeavor: (1) To unite in the federation all bodies of Southern women now organized or that may hereafter be formed. (2) To cultivate ties of friendship among our women whose fathers, brothers, sons, and, in numberless cases, mothers, shared common dangers, sufferings, and privations; and to perpetuate honor, integrity, valor, and other noble attributes of true Southern character. (3) To instruct and instill into the descendants of the people of the South a proper respect for and pride in the glorious war history, with a veneration and love for the deeds of their forefathers which have created such a monument of military renown, and to perpetuate a truthful record of the noble and chivalric achievements of their ancestors. All with the view of furnishing authentic information from which a conscientious historian will be enabled to write a correct and impartial history of the Confederate side during the struggle for Southern independence. The organization now has 400 chapters in the United States, North and South, with about 8,000 members.

Society of the Army and Navy of the Confederate States

IN THE STATE OF MARYLAND.

President—Gen. Bradley T. Johnson. *Recording Secretary*—Capt. Augustine J. Smith. *Corresponding Secretary*—John F. Hayden, Baltimore, Md. *Treasurer*—Capt. F. M. Colston. There are twelve vice-presidents and an executive committee of seven members. The Society of the Army and Navy of the Confederate States in the State of Maryland was organized in 1871, "to collect and preserve the material for a truthful history of the late war between the Confederate States and the United States of America; to honor the memory of our comrades who have fallen; to cherish the ties of friendship among those who survive, and to fulfil the duties of sacred charity toward those who may stand in need of them." The membership is 1,082. The annual dues are $1.

Regular Army and Navy Union.

National Commander—Henry Shindler, Leavenworth, Kan. *Vice-National Commander*—Stephen O. Tripp, Peoria, Ill. *Adjutant-General*—Richard J. Fanning, Columbus, Ohio.

The Regular Army and Navy Union was organized at Cincinnati and incorporated under the laws of Ohio in March, 1888. The national organization (called the National Corps) was organized in August, 1890. The Union admits to its ranks men now in the service who have served one or more terms and hold honorable discharges, also those now in civil life who have served in the army, navy, and marine corps of the United States and who have been honorably discharged therefrom, whether said service was before, during, or since the war. Officers who have served five years or more are also eligible to membership. There are at present 170 garrisons, with an estimated membership of 12,000.

Patriotic Women's Societies.

COLONIAL DAMES OF AMERICA.

OFFICERS.

President—Mrs. John Lyon Gardiner. *First Vice-President*—Mrs. Thomas Wren Ward. *Second Vice-President*—Mrs. James W. Gerard. *Treasurer*—Mrs. Oscar Egerton Schmidt. *Secretary*—Mrs. Timothy Matlack Cheesman, 109 University Place. *Historian*—Miss Julia Livingston Delafield. *Advisory Council*—Henry E. Howland, Franklin Bartlett, Louis V. Bright.

The Society of the Colonial Dames of America was organized in the City of New York May 23, 1890, and was the first society of women for this patriotic purpose founded in this country. It was incorporated April 23, 1891. The Society is purely patriotic and educational in its objects, which are: (1) To collect and preserve relics, manuscripts, traditions, and mementoes of the founders and builders of the thirteen original States of the Union, and of the heroes of the War of Independence, that the memory of their deeds and achievements may be perpetuated. (2) To promote celebrations of great historic events of national importance, to diffuse information on all subjects concerning American history, particularly among the young, and to cultivate the spirit of patriotism and reverence for the founders of American constitutional history.

This Society has already a large membership and chapters in many States. It is a distinct organization from that which follows.

COLONIAL DAMES OF AMERICA.

OFFICERS OF THE NATIONAL SOCIETY.

President—Mrs. Justine Van Rensselaer Townsend. *First Vice-President*—Mrs. Gillespie, Philadelphia, Pa. *Second Vice-President*—Mrs. W. W. Gordon, Savannah, Ga. *Secretary*—Mrs. William Reed, 103 Monument Street W., Baltimore, Md. *Assistant Secretary*—Mrs. J. J. Jackson, Baltimore, Md. *Treasurer*—Miss Elizabeth Byrd Nicholas, 818 Connecticut Avenue, Washington, D. C. *Registrar*—Mrs. Emil Richter, Portsmouth, N. H. This society is a distinct organization from the one described in the first paragraph.

The National Society is composed of delegates from the State societies. These exist in the thirteen original States and in twenty-two other States and the District of Columbia, and are all incorporated. The aggregate membership is 3,500. The President of the New York State Society is Mrs. Samuel Verplanck. It is the sole custodian of the Colonial Museum in New York.

Under the constitution of the National Society it is prescribed that the members shall be women "who are descended in their own right from some ancestor of worthy life who came to reside in an American Colony prior to 1750, which ancestor, or some one of his descendants, being a lineal ascendant of the applicant, shall have rendered efficient service to his country during the Colonial period, either in the founding of a commonwealth or of an institution which has survived and developed into importance, or who shall have held an important position in the Colonial government, and who, by distinguished services, shall have contributed to the founding of this great and powerful nation." Services rendered after 1776 do not entitle to membership, but are accepted for supplemental applications. There is no admission except through Colonial ancestry.

DAUGHTERS OF THE AMERICAN REVOLUTION.

OFFICERS OF THE NATIONAL SOCIETY.

President-General—Mrs. Daniel Manning. *Vice-President-General* (in charge of organization of chapters)—Mrs. Eleanor Washington Howard. *Vice-Presidents-General*—Mrs. Ellen M. Colton, Mrs. William Lindsay, Mrs. George M. Sternberg, Mrs. Charles W. Fairbanks, Miss Mary Isabella Forsyth, Mrs. George F. Fuller, Mrs. N. D. Sperry, Mrs. Estes G. Rathbone, Mrs. Daniel Newman, Mrs. Clement A. Griscom, Miss Annie Wheeler, Mrs. William P. Frye, Mrs. Julius C. Burrows, Mrs. Francis S. Nash, Mrs. Person C. Cheney, Miss Mary Boyce Temple, Mrs. Charles Averette Stakely, Mrs. A. L. Barber, Mrs. Green Clay Goodloe, and Mrs. Washington A. Roebling. *Chaplain-General*—Mrs. Charles A. Stakely. *Recording Secretary-General*—Mrs. Albert Ackers, Nashville, Tenn. *Corresponding Secretary-General*—Mrs. Kate Kearney Henry, 902 F Street, Washington, D. C. *Registrar-General*—Mrs. Susan R. Hetzel. *Treasurer-General*—Mrs. Charles C. Darwin. *Historian-General*—Mrs. Mary J. Seymour. *Assistant Historian-General*—Mrs. Robert S. Hatcher.

The Society was organized in the city of Washington, D. C., October 11, 1890. The headquarters are in Washington. Its present membership is reported by the Secretary-General to be about 27,000. Four hundred and ninety-two State chapters exist in forty-four States and Territories, the District of Columbia, and Hawaii, presided over by regents. Chapter regents have been appointed for England and Canada.

Any woman may be eligible for membership who is of the age of eighteen years, and who is descended from an ancestor who, "with unfailing loyalty, rendered material aid to the cause of independence as a recognized patriot, as soldier or sailor, or as a civil officer in one of the several Colonies or States, or of the United Colonies or States," provided that the applicant shall be acceptable to the Society. Every application for membership must be indorsed by at least one member of the National Society, and is then submitted to the Registrars-General, who report on the question of eligibility to the Board of Management, and upon its approval the applicant is enrolled as a member.

DAUGHTERS OF THE REVOLUTION.

OFFICERS OF THE GENERAL SOCIETY.

President-General—Mrs. Henry Sanger Snow. *First Vice-President-General*—Miss Adaline W. Sterling. *Second Vice-President-General*—Miss Sarah E. Hunt. *Recording Secretary-General*—Mrs. L. D. Gallison. *Corresponding Secretary-General*—Miss Virginia S. Sterling. *Treasurer-General*—Miss Viola D. Waring. *Registrar-General*—Mrs. Joseph J. Casey. *Historian-General*—Mrs. Leslie C. Wead. *Librarian-General*—Mrs. H. Courtney Manning. *Board of Managers*—Mrs. J. P. Geran, Mrs. Charles A. West, Mrs. Andrew W. Bray, Mrs. Nathaniel S. Keay, Mrs. A. M. Ferris, Mrs. William S. Cogswell, Mrs. Charles W. Dayton, Mrs. Charles Francis Roe, Mrs. Thomas Hill, Miss Florence O. Rand, Miss Mary A. Kent, Mrs. Andrew Jacobs, Mrs. John P. Heath, Mrs. William R. Bowman.

The General Society was organized in the City of New York August 20, 1891. Eligibility to membership is restricted to "women who are lineal descendants of an ancestor

PATRIOTIC WOMEN'S SOCIETIES—*Continued.*

who was a military or naval or marine officer, soldier, sailor, or marine in actual service under the authority of any of the thirteen Colonies or States, or of the Continental Congress, and remained always loyal to such authority, or descendants of one who signed the Declaration of Independence, or of one who as a member of the Continental Congress or of the Congress of any of the Colonies or States, or as an official appointed by or under the authority of any such representative bodies, actually assisted in the establishment of American independence by service rendered during the War of the Revolution, becoming thereby liable to conviction of treason against the Government of Great Britain, but remaining always loyal to the authority of the Colonies or States." State societies exist in a large number of States. The office of the General Society is 156 Fifth Avenue, New York.

DAMES OF THE REVOLUTION.

President—Mrs. Edward Paulet Steers. *Vice-President and Registrar*—Mrs. Montgomery Schuyler. *Second Vice-President*—Mrs. John F. Berry. *Corresponding Secretary*—Miss F. Dougherty. *Treasurer*—Mrs. Maud S. French. *Historian*—Miss Mary A. Phillips. *Librarian*—Mrs. Francis E. Doughty. *Curator*—Mrs. C. Van Allen Sidell. *Chairman of Admission Committee*—Mrs. Townsend C. Van Pelt. *Chairman of Finance Committee*—Miss Sarah M. Westbrook.

The Society of Dames of the Revolution was organized in 1896. The regulation as to membership is that the Society shall be composed entirely of women above the age of eighteen years, of good moral character, who are descended in their own right from an ancestor who, either as a military, naval, or marine officer, or official in the service of any one of the thirteen original Colonies or States, or of the National Government representing or composed of those Colonies or States, assisted in establishing American independence during the War of the Revolution, April 19, 1775, when hostilities commenced, and April 19, 1783, when they were ordered to cease. Local chapters may be organized when authorized by the Board of Managers of the Society.

UNITED STATES DAUGHTERS, 1812.

President-General—Mrs. William Gerry Slade, N. Y. *First Vice-President-General*—Mrs. Louis W. Hall, Pa. *Second Vice-President-General*—Mrs. Nelson V. Titus, Mass. *Third Vice-President-General*—Mrs. George A. Ludin. *Secretary-General*—Mrs. Leroy S. Smith, N. Y. *Treasurer-General*—Miss Helen G. Bailey, N. Y. *Curator-General*—Mrs. Alfred Russell. *Historian-General*—Mrs. Henry C. Marshall, Pa. The office of the General Society is at332 West Eighty-seventh Street, New York.

Membership Qualifications—Any woman over eighteen years of age of good character and a lineal descendant of an ancestor who rendered civil, military, or naval service during the War of 1812, or the period of the causes which led to that war (subsequent to the War of the Revolution), may be eligible to membership, provided the applicant be acceptable to the Society. In all the States the initiation fee is $1.

The officers of the New York Society are: *President*—Mrs. William Gerry Slade. *First Vice-President*—Mrs Allen T. Nye. *Second Vice-President*—Mrs. J. C. Hatié. *Recording Secretary*—Mrs. H. C. Bailey. *Corresponding Secretary*—Mrs. Geo. A. Ludin. *Assistant Corresponding Secretary*—Mrs. Geo. W. Wallis. *Treasurer*—Mrs. G. E. Wentworth. *Auditor*—Mrs. James A. Striker. *Registrar*—Mrs. Jacob Hess. *Assistant Registrar*—Miss Grace Jenkins. *Historian*—Mrs. Caspar W. Dean. *Librarian*—Mrs. H. C. Manning.

The United States Daughters, 1812, New York State, an organization distinct from the above, was organized March 18, 1892. Any woman is eligible to membership in the United States Daughters, 1812, who is lineally descended from an ancestor who, either as a military, naval, or marine officer, soldier, sailor, or marine, or an official, or in any effective manner and with unfailing loyalty assisted in establishing American independence during the War of 1812. The officers elected for the first term of four years are: *President*—Mrs. Edward P. Steers. *Vice-President*—Mrs. D. Phœnix Ingraham. *Secretary*—Mrs. John W. French. *Treasurer*—Miss Lillian S. Hatié. *Registrar*—Mrs. Joseph J. Casey. The headquarters are in the City of New York.

DAUGHTERS OF THE HOLLAND DAMES.

Directress-General—Mrs. William Gihon. *Deputy Directress-Generals*—Miss Mary Van Buren Vanderpool, Mrs. A. C. Chenowith. *Treasurer*—Mrs. Eugene Hoffman. *Registrar*—Miss Harriet Duer Robinson. *Historian*—Mrs. William Budd. *Secretary*—Mrs. A. C. Chenowith. "The Daughters of Holland Dames, Descendants of the Ancient and Honorable Families of New York," was incorporated for the purpose of erecting a memorial to commemorate the early Dutch period of our colonial history, and to preserve and collect historical documents relating to the same. The headquarters are at New York. This Society is not connected with the Holland Dames, of which Miss Lavinia Dempsey is Queen.

HOLLAND DAMES OF THE NEW NETHERLANDS.

The Holland Dames of the New Netherlands and their "associate members," gentlemen of Dutch descent, are governed by a National Board of Management composed of Dames and a Council of State composed of "Sir Knights." The principal officers of the Board are: *Queen*—Miss Lavinia H. Van Westervelt Dempsey. *National Regent*—Mrs. Stewart Osborne. *Directress-General*—Mrs. J. C. Wycoff Mitchell. *Recording Secretary*—Mrs. Lina K. Trafton. *Corresponding Secretary*—Mrs. Henry A. Topham. *Treasurer*—Mrs. May Banks Stacey. *Historian*—Mrs. Jesse Larrabee. *Mistress of Ceremonies*—Miss Fannie Wynkoop Clark. The officers of the Council are: *Chairman*—Hon. T. F. Reed. *Chancellor of National Affairs*—Dr. Christopher Kiersted. *Chancellor of Foreign Affairs*—Hon. William L. Strong. *Chancellor in Equity*—Jesse Larrabee. *Chamberlain of State*—Guy C. Dempsey. *Lord of the Admiralty*—Frank Stewart Osborne. *Secretary*—W. Irving Van Imwagen. The affairs of the Society are submitted yearly to a meeting of delegates, called the "Staaten Generaal," from Holland's Parliament. The Society's headquarters are the Waldorf-Astoria, New York.

The Armed Strength of Europe.

TABLE SHOWING RESOURCES IN THE EVENT OF A GENERAL CONFLICT.

THE military and naval statistics embraced in the following tables were specially prepared for THE WORLD ALMANAC by Captain W. R. Hamilton, Seventh Artillery, United States Army, and corrected from the latest official reports on file at the War Department, December, 1899:

LAND FORCES.

CLASSES.	Germany.	France.	Italy.	Austria-Hungary.	Russia.	Great Britain.	Turkey.
ACTIVE ARMY & RES.							
Officers	23,240	22,211	17,246	17,512	28,638	*7,826	8,112
Non-com. Offs. & Men	2,301,646	1,982,720	584,640	762,620	1,186,516	*209,181	198,340
Non-combatants	161,333	33,700	10,000	12,800	44,700	8,263	.....
Horses	107,652	111,696	55,820	58,642	166,900	29,000	30,000
Guns	2,864	3,188	1,268	1,672	2,648	720	696
Vehicles	31,400	32,112	14,200	17,300	29,120	.....	.....
FIRST RESERVE.							
Officers	23,600	19,825	18,512	17,440	19,100	82,126	11,260
Non-com. Offs. & Men	2,326,511	1,982,470	594,656	392,246	2,632,300		502,300
Non-combatants	9,349	18,620	3,682	4,600	18,500	.....	.....
Horses	95,208	86,722	.....	24,250	146,211	.....	65,000
Guns	2,024	1,820	744	1,200	3,636	412	.....
Vehicles	.....	4,000	.....	.....	6,800	.....	.....
SECOND RESERVE.							
Officers	19,718	18,922	19,684	23,000	18,252	124,779	500,000
Non-com. Offs. & Men	1,110,636	968,000	968,240	512,590	1,324,758		
Horses	.....	.....	.....	.....	.....	25,000	.....
Guns	.....	424	.....	.....	840	.....	.....
GRAND WAR TOTAL.							
Officers	66,558	60,958	55,442	57,952	65,990	†686,795	19,372
Non-com. Offs. & Men	5,738,793	4,933,190	2,047,536	1,667,456	5,143,574		1,190,640
Horses	202,860	198,418	55,820	82,892	313,111	53,000	95,000
Guns	4,888	5,008	2,012	2,872	6,124	1,132	696
PEACE EST'LISHM'T.							
Infantry	476,312	386,928	132 412	178,800	568,280	144,653	146,390
Cavalry	73,914	71,300	27,648	38,388	127,700	19,386	30,000
Artillery	94,846	84,688	36,900	36,900	118,968	37,250	19,120
Engineers and Train	42,311	30,244	15,792	15,620	34,240	7,892	18,400
Horses	132,500	124,612	62,700	67,000	189,300	29,000	36,000
Guns	2,864	3,188	1,268	1,672	2,648	720	696
TOT. PEACE EST'M'T.							
Men	687,383	573,160	212,752	269,708	949,188	217,007	213,910
Horses	132,500	124,612	62,700	67,000	189,300	29,000	36,000
Guns	2,864	3,188	1,268	1,672	2,648	720	696

This table does not include fortress guns. * Includes regular forces in India and the colonies. † Includes volunteers, 231,798, and militia reserve of 31,095.

LAND FORCES.

CLASSES.	Spain.	Belgium	Netherlands.	Denmark.	Greece.	Switzerland.	Sweden and Norway.	DANUBIAN STATES. Bulgaria.	DANUBIAN STATES. Servia.	Roumania.
Infantry	48,204	32,860	45,600	22,406	11,050	118,000	19,000	24,000	51,243	32,608
Cavalry	6,100	6,296	4,248	2,400	1,200	2,920	3,200	2,780	7,900	2,300
Artillery	12,000	8,754	12,784	9,520	2,922	9,521	9,460	4,800	3,000	2,000
Engineers and Train	3,980	2,498	1,970	1,347	3,611	6,782	3,312	1,972	2,000	1,392
Total Active Army	70,284	50,408	62,902	35,673	18,783	137,223	34,972	33,552	64,143	38,300
East India Troops	.....	.....	47,920	.....	.....	.....	.....	.....	.....	.....
Sanitary and Administrative Troops	18,120	5,200	4,722	3,078	1,200	4,194	1,786	2,000	2,400	2,679
West India Troops	.....	.....	1,646	1,100	.....	.....	.....	.....	.....	.....
1st Reserves	109,000	65,800	51,400	40,650	42,400	81,000	96,412	71,500	38,000	84,000
2d Reserves	900,000	59,100	80,000	48,000	163,000	276,000	130,000	115,200	163,708	132,000
Total Peace Strength	88,404	55,608	117,190	39,851	19,983	141,417	36,758	35,552	66,543	40,979
Total War Strength	1,097,404	180,508	248,590	128,501	225,383	498,417	263,170	222,252	268,241	256,979

CONDITIONS OF SERVICE AND AVAILABLE STRENGTH OF POWERS.

Every year the young men who attain the age in which they are available for military service are enrolled, in advance, in every European country. These ages run generally from 21 to 45, and this time is divided up by service, first, in the active army, which answers to our regular establishment; second, in the reserve to the active army; third, in the Landwehr; fourth, in the Landsturm, in which they are never called out, except in time of war, and then for defence of the fatherland only.

AUSTRIA-HUNGARY.—The registered number of young men attaining the age of military service in 1897 was 347,298. Out of this, those fit for service numbered 191,300, of which 136,000 were drawn for service as follows: Active army and navy, 106,000; Landwehr, 30,000. Obligatory service commences on the first day of January of year young man attains 21 years. It consists of three years with colors, seven in active army reserve, two in the Landwehr, and the balance up to end of forty-fifth year of age in the Landsturm. From the number registered, there were exempted, postponed, etc., 155,198.

THE ARMED STRENGTH OF EUROPE—*Continued.*

GERMANY.—The registered number of young men in 1897 was 426,245, out of which 268,000 were required to fill annual contingent. There were that year 11,000 one-year volunteers. Liability commences with end of seventeenth year and ends with beginning of forty-fifth year. It is termed "Wehrpflicht." It is divided into two classes, "Dienstpflicht" and "Landsturmpflicht." The two foregoing terms translated mean "Service Liability" and "Landsturm Liability." The soldier's term is two years with the colors, then leave of absence for five years, during which time he is called out for two trainings of eight weeks each. He then has five years in the first ban of the Landwehr, in which he has two trainings of two weeks each. His next step is five years in the second ban of the Landwehr, and the balance of his time in the Landsturm. The general staff, which is so much needed in the United States Army, in the German Army is a close and flexible organization which permeates the entire army and prepares it in peace for war, and in war conducts the strategical and tactical operations. All regimental officers have to do staff work, and to rise it is made a requisite that the officer must distinguish himself in the staff first. Hence between the regimental or line work and the staff there is a constant interchange, a constant touch by which each is in sympathy with the other and works for the greatest good of the whole.

FRANCE.—In 1897 the registered number of men for military service was 342,644. After exemptions, postponements, etc., there remained for service 268,500, or a few more than in Germany. This number, however, includes the postponements of former years. All classes of citizens are liable to serve. The liability commences with the twentieth year and lasts till the end of the forty-fifth year. It is divided as follows: Three years with the colors, ten with active army reserve, six in the territorial army, and the remaining six in reserve of territorial army.

ITALY.—In 1897 269,600 was the number registered. Out of this only 93,000 were drawn and the remainder excused. Former year exemptions to the number of 152,000 were enrolled. Service is in all classes and lasts for eighteen years. The first two are with the colors, the following ten are on leave, with thirty days' service in training each year. The remaining six are the reserve of territorial army.

RUSSIA.—The number for 1897 was 985,200, the greatest number ever recorded. Out of this, 302,500 were drawn for active service. The soldier spends his first five years in the active army and the next thirteen in its reserve. There are two bans in this reserve, and all registered but not drawn, except those exempted, are placed in second ban of the reserve from the beginning. Their service in it is eighteen years, the same time as those who go directly in the active army. All other men in the empire between ages of twenty-one and forty-five constitute the militia and are called out for three years of home training.

TURKEY.—The Turkish forces are organized on the territorial system, the entire empire being divided into seven territorial districts. All Mussulmans are liable to military duty, but Christians and certain sects may pay an exemption tax. Many Nomads, Kurds etc. evade the duty, though all are liable if caught. All conscripted are divided into the following classes: 1 Nizam, or regular army and its reserves. 2. Redif, corresponding to Landwehr. 3 Mustahfurz, or Landsturm. Liability commences with twenty-fourth year and lasts for twenty years: Active army four years; Landwehr, four years; active army reserve, two years, four years in second class of Landwehr, and remaining six in Landsturm. Great difficulty is experienced by the Turkish officials in trying to find the number liable to military duty.

GREAT BRITAIN.—Interest is especially given to the land forces of Great Britain by reason of the Boer war in South Africa. The numbers given in foregoing table are correct up to July 1. Since then the forces have been greatly augmented, and nothing definite can be known outside the British War Office. The British expect to have in South Africa by January 1 1900, a force of 70,000 men; but as the Boers can bring against this number over 55,000 well-armed men, it is evident that ere the war is ended in victory for the English, their forces must be increased to over 100,000.

NAVIES.

CLASS OF VESSELS.	Great Britain.	France.	Germany.	Italy.	Russia.	Austria-Hungary	Spain.	Denmark.	Netherlands.	Turkey.	Sweden.	Norway.	Portugal
Battle-Ships, First Class	45	25	8	13	22	.	1	..	..	1	..	..	..
Battle-Ships, Second Class	12	6	5	2	4	2	..	..	..	1	..	..	..
Battle-Ships, Third Class	11	2	1	.	..	8	2	1	4	7	..	..	1
Coast-Defence Ships	13	14	8	9	16	7	3	8	23	5	8	8	..
Armored Cruisers	30	22	5	6	12	2	1	..	..	..	..	..	..
Cruisers, First Class	21	4	8	.	11	.	3	..	14	.	..	..	..
Cruisers, Second and Third Classes	124	42	18	35	22	17	8	7	51	6	16	2	5
Gunboats, Sea-Going	99	25	19	24	25	5	17	8	43	4	17	13	20
Gunboats, River	7	29	9	10	39	.	52	2	3	..	5	18	27
Transports and Despatch Boats	44	41	6	14	37	27	2	2	19	..	1	3	4
Tugs, Repair, Water, Coal, and Hospital Vessels	125	48	43	60	43	6	4	7	10	36	21	13	9
School and Training Ships	43	9	14	6	9	..	7	8	.	..	20	3	2
Subsidized and Auxiliary Vessels	94	76	13	13	42	..	15	..	..	..	..	..	..
Hulks and Obsolete Ships	22	94	.	12	..	5	..	2	..	1	..	..	..
Torpedo-Boat Destroyers	123	25	12	5	31	.	4	..	..	2	..	..	..
Torpedo-Boats, First Class	97	120	115	12	89	30	16	9	49	9	13	16	..
Torpedo-Boats, Second and Third Classes	145	108	36	160	98	40	7	18	33	46	36	8	11
Officers—Naval	3,919	2,015	1,555	840	2,258	659	592	146	600	584	104	86	374
Seamen—Naval	81,803	67,200	21,800	23,590	41,853	12,900	6,790	1,190	9,200	21,210	4,000	3,191	4,246
Officers—Marine	848	1,720	200	112	568	74	240	40	69	79	90	39	31
Soldiers—Marine	18,464	27,940	2,500	738	3,890	756	2,100	360	1,768	1,220	812	590	614
Naval Reserves	81,206	85,000	37,000	19 000	49,000	4,500	20,000	4,000	10,000	36,000	8,000	6,000	4,100
Heavy Guns	1,060	739	283	156	658	209	194	84	376	169	114	77	86
Secondary and Machine Guns	9,088	4,249	1,459	2,057	4,308	827	681	362	1,012	375	358	252	283

NAVIES OF OTHER POWERS.

Class of Vessels.	Greece.	Brazil.	Chile.	Argentine Republic.	Mexico.	Japan.	China.	Peru.	Belgium.
Battle-ships, First Class	..	..	..	..	..	6	..	..	..
Battle-ships, Second Class	..	..	..	..	..	1	..	..	..
Battle-ships, Third Class	1	2	2	1	..	1	..	..	..
Coast-Defence Ships	1	9	1	4	..	3	6	..	..
Armored Cruisers	..	..	2	4	..	7	..	..	..
Cruisers, First Class	..	..	1	..	..	..	..	..	..
Cruisers, Second Class	4	7	4	8	1	29	23	1	..
Gunboats	11	29	11	20	5	19	39	8	29
Torpedo-Boat Destroyers	..	3	6	3	..	12	4	..	..
Torpedo-Boats, First Class	12	15	5	12	5	62	13	..	..
Torpedo-Boats, Second and Third Classes	42	7	19	15	4	..	14	..	..
Despatch Boats, etc.	2	6	..	5	..	2	3	1	..
Transports, Auxiliaries, etc.	3	13	20	2	2	6	4	1	2
Tugs and Hulks	11	11	7	..	..	4	..	1	..
Heavy Guns	48	98	28	62	14	178	234	4	..
Secondary and Machine Guns	251	487	534	538	32	1,312	522	24	71

Armies of Mexico, South America, and Asia.

Classes.	Japan.	China.	Mexico.	Brazil.	Chile.	Argent. Rep.	India.*	Venezuela
Infantry	68,640	100,000	14,200	16,700	14,200	13,000	137,200	5,300
Cavalry	7,600		5,161	2,800	3,000	3,200	42,000	1,690
Artillery	6 720		1,680	4,350	3,200	2,600	23,416	800
Engineers and train	4,914		940	1,178	1,115	950	11,600	500
Total peace strength	87,874	100,000	21,981	25,028	21,515	19,750	214,216	8,290
First reserves	76,400	500,000	28,240	25,632	28,800	22,700	.....	.....
Second reserves	238,000	.....	131,000	51,478	48,000	46,000	200,000	150,000
Total war strength	402,274	600,000	181,221	102,138	98,315	88,450	414,216	158,290

* Including native and white troops.

Rifles Used by the Principal Powers of the World.

Countries.	Name of Gun or Inventor.	Calibre.	Length, without Bayonet.	Length, with Bayonet.	Weight, without Bayonet.	Weight, with Bayonet.	No. of Cart'ges in Magazine.	Guns Sighted to	Covering or Jacket of Cartridge.	Weight of Whole Cartridge.	Muzzle Velocity, Ft., Seconds.
		Ins.	Ins.	Ins.	Lbs.	Lbs.		Yds.			
U. S. Army	Krag-Jorgenson	.300	49.10	60.85	9.4	10.4	5	2,200	Nickel	264	2,200
U. S. Navy	Lee (straight pull)	.236	48.5	57.7	9.2	10.3	8	....	.....	147	2,400
Argentina	Mauser	.301	48.6	66.7	8.6	9.9	5	2,187	Mailleschort	250	2,120
Austria-Hungary	Mannlicher	.315	50.4	62.3	9.9	10.8	5	3,000	Mailleschort	286	2,115
Brazil	Mannlicher	.296	49.1	68.11	9.4	10.4	5	2,800	Steel	253	1,998
Belgium	Mauser	.301	50.2	60.04	8.6	9.5	5	2,190	Mailleschort	269	1,968
Bulgaria	Mannlicher	.296	49.1	68.11	9.4	10.4	5	2,800	Steel	253	1,998
Canada	Lee-Metford	.303	49 5	61.7	9.2	10.19	10	2,900	Steel and Nickel	245	2,200
Colombia	Mauser	.301	48.6	66.11	8.6	9.9	5	2,187	Mailleschort	253	2,120
China	Lee	.433	...	....	....	....	....	....	Steel and Lead	...	2,400
Chile	Mauser	.276	50 4	60	9.7	10.5	5	2,400	Steel	210.7	2,285
Costa Rica	Mauser	.276	50.4	60	9.7	10.5	5	2.400	Steel	210.7	2,285
Denmark	Krag-Jorgenson	315	52.3	62.8	9 5	10.04	5	2,078	Mailleschort	270	1,950
Egypt	Lee-Metford	.303	49.5	61.7	9.2	10 19	10	2,900	Steel and Nickel	245	2,200
Ecuador	Mannlicher	.296	49.1	68.11	9.4	10.4	5	2,800	Steel	253	1,998
France	Lebel	.315	51.4	72.8	9.2	10.10	8	2,187	Nickel	274	2,190
Germany	Mauser	.311	48.8	57.6	8.4	9.2	5	2,240	Nickel	269	2,100
Great Britain	Lee-Metford	.303	49.5	61.7	9 2	10.19	10	2,900	Steel and Nickel	245	2,200
Greece	Mannlicher	.256	51.1	72	9.2	10.5	10	2,100	Steel	258	2,200
Holland	Mannlicher	.256	51.1	72	9.2	10.5	10	2,100	Steel	258	2,200
Hayti	Mauser	.301	48.6	66.11	8.6	9.9	5	2,187	Mailleschort	253	2,120
Italy	Carcano	.256	50.7	62 6	8.4	9.17	6	2,100	Copper	190	2,320
Japan	Murata	.315	48	59	9	9.6	8	2,800	Copper	274	1,900
Mexico	Mondragon	.256	48.9	59	8.12	8.25	8	2,603	White Metal	193	2,362
Morocco	Mauser	.301	50.2	60.04	8.6	9.5	5	2,190	Mailleschort	269	1,968
Norway	Krag-Jorgenson	.256	50.6	62.1	8.8	9.3	5	2,406	Nickel	182	2,350
Portugal	Kropatchek	.315	51.7	70.4	10.2	11 4	8	2,500	Copper	198	1,954
Peru	Mannlicher	.315	49.1	68 11	9.4	10.4	5	2,800	Steel	253	1,998
Persia	Mauser	.301	50.2	60 04	8 6	9.5	5	2,190	Mailleschort	269	1,968
Paraguay	Mauser	.276	50.4	60	9 7	10 5	5	2,400	Steel	210.7	2,285
Roumania	Mannlicher	315	50.4	62 3	9.9	10 8	5	3,000	Mailleschort	286	2,115
Spain	Mauser	276	50.1	60	8 6	9 7	5	2,200	Mailleschort	282	2,285
Servia	Koka	.284	51.2	64 3	8.2	9 8	6	....	Steel	270	2,100
Sweden	Mauser	256	49.01	68.1	8.8	10.3	5	2,100	Copper	276	2,004
San Salvador	Mauser	.256	49.01	68 1	8.8	10 3	5	2,100	Copper	276	2,004
Siam	Mannlicher	.315	50.4	62.3	9.9	10.8	5	3,000	Mailleschort	286	2,115
Sarawak	Mauser	256	49.01	68.1	8.8	10.3	5	2,100	Copper	276	2,004
Switzerland	Schmit-Rubin	.296	51.2	62.9	9.4	10 4	12	1,800	Lead and Nickel	260	1,969
Turkey	Mauser	.301	50 2	60.04	8.6	9.5	5	2,190	Mailleschort	269	1,968
Uruguay	Mauser	276	50.4	60	9.7	10.5	5	2,400	Steel	210.7	2,285
Venezuela	Krag-Jorgenson	.256	50.6	62.1	8.8	9.3	5	2,406	Nickel	182	2,350
	Mauser	.276	50 4	60	9.7	10.5	5	2,400	Steel	210.7	2,285

RIFLES USED BY THE PRINCIPAL POWERS OF THE WORLD—*Continued.*

RIFLES AND SMALL ARMS.

In official tests made recently comparing the Mauser, calibre .30, and the Krag-Jörgenson, calibre .30, rifles, it was shown that from either gun twenty shots a minute with a good degree of accuracy could be fired, while without aiming twenty shots could be fired in forty seconds. When used as single loaders it was shown that forty shots could be fired with great accuracy in two minutes, while the continuity of magazine fire with either did not exceed that of the same when employed as single loaders. A practical test was further made with these two guns by taking a number of men who had never before handled both guns, and were accustomed solely to the swinging block system of the Springfield. It was found that twenty shots could be fired with fair accuracy in one minute and fifty seconds. As these two rifles were selected as the highest of any type used by any of the great powers, they may be considered as the best military rifles made.

A mistake has been made by some military writers in late years in advocating the use of the magazine rifle. The normal supply of ammunition a soldier carries about his person is 120 rounds, or about twelve pounds weight. At the rate of ten shots per minute, which surely is reasonable, the supply would be exhausted in twelve minutes, while if the magazine were used and twenty shots a minute fired his supply would be entirely gone in six minutes. This consideration is a new factor in the discipline of the modern soldier, who is guided not only by the obedience he inclines to give his officer, but by the training which enables him to do it, and to control himself and act with coolness, and take if necessary the initiative or obey that of others.

It is worthy of remark that notwithstanding the reported experience of volunteers during the Spanish-American War the troops in the Philippines soon learned that the Springfield rifle did more execution than the Krag on the Filipinos. It has the "stopping" effect, while the Krag, with higher velocity and greater range, passes through men with their barely feeling it. This, it is true, is only at certain ranges. At others the wound of the Krag-Jörgenson rifle is terrible. The cause was explained in THE WORLD ALMANAC for 1899.

Some of the conclusions reached by medical officers as to the effects of new small-calibre guns and powerful powders are: 1. That while weapons like the Mauser leave nothing to be desired on the score of humanity, they are failures in that they do not serve the special service for which they were intended. Soldiers fire with the intention of putting as many as possible of the enemy hors du combat, but when the bullets bore neat little holes through flesh and bone, and, except when vital organs are traversed, cause no shock to the system, then the soldier's task is more difficult and prolonged. In other words, guns of the Mauser type prolong conflicts. 2. The missiles from new rifles do greater harm or are more effective at long range than at short, but, unlike the old bullets, clothing is not so apt to be carried into the flesh, and thus poison it. 3. Abdominal wounds are now almost always fatal.

SMOKELESS POWDERS.

It is remarkable that it was the effort to produce small arms which gave longer ranges, with more searching powers, that led to the development of smokeless powder. A high authority on this subject says: "Its production had not been by design, and the desirability of even this property (smokelessness) at the time was questioned by high military authority." As a resumé of what may be considered the latest conclusions on this subject the same authority says: "At present there is unquestionable unanimity as to the desirability of the absence of smoke from the battlefield, but this absence of smoke is viewed by real soldiers not so much as a safeguard for themselves as for the advantage it carries with it in clearing the field for skilful action. The conclusion would seem to be that practical experience in the Santiago campaign sustains the claim that troops furnished with smokeless powder have the advantage over troops which are not so supplied. This conclusion should, however, in turn be qualified by the fact that many line officers of our army of high rank, prior to the campaign, openly and emphatically expressed their preference for the Springfield rifle even using smoky powder."

As a matter of fact, a satisfactory smokeless powder does not exist. Neither France, Germany, nor Russia possesses one, and they are continually experimenting with the hope of discovering some compound that will answer the many and hard tests required of it. England professes confidence in cordite, but when used in American guns it is found to erode the metal of the guns to such an extent as to shorten their lives materially. All powders that amount to anything contain more or less of nitro-glycerine. In small quantities, as in small-arm cartridges, there is no appreciable effect from erosion, but in larger quantities it is so great an element that a few discharges have been known to put guns out of service. It is still a problem, and to the inventor or discoverer who first gets a satisfactory smokeless powder there awaits a fame and fortune of immense proportions.

Lyddite, which figures so extensively in the British-Boer War, is a high explosive named from a small town in Kent, England, and is composed of picric acid brought into a dense state by fusion. Picric acid is obtained by the action of nitric acid on phenol or carbolic acid. Its destructive effect in a shell is eleven times that of powder, and it kills more by air concussion than flying fragments.

STRENGTH OF MODERN POWDERS AND HIGH EXPLOSIVES.

NAME OF EXPLOSIVE.	Percentage of Strength.	NAME OF EXPLOSIVE.	Percentage of Strength.
Perunite B	100.0	Cannonite	62.0
Perunite C	91.0	Amide powder	59.0
Perunite D	83.0	Progressite	58.5
Explosive gelatine	81.0	Tonite	57.0
Rack-a-rock	79.0	Bellite	56.0
Hellofite	78.0	Oxonite	54.4
Nitro-glycerine, best quality	73.0	Atlas powder, No. 1	54.0
Nobel's smokeless powder	70.0	Melinite	49.0
Explosive gelatine made from No. 5 nitro-glycerine	68.0	Silver fulminate	48.2
United States Navy gun-cotton	67.5	Mercury fulminate	47.5
Fulgurite	67.0	Rifle powder	35.0
Emmensite	66.0	Mortar powder	30.0
French nitro-glycerine	63.0	Rossel's mixture	89.5
Dynamite No. 1	62.6	Americanite	82.0
		Schnebelite	80.0

United States Warships.

A COMPLETE LIST OF THE WAR VESSELS OF THE UNITED STATES FROM THE REVOLUTION TO THE PRESENT TIME (1775-1900).

GIVING THE DATE OF PURCHASE OR CONSTRUCTION, THE RIG, CLASS, ARMAMENT, COST (SO FAR AS IS KNOWN), AND FATE OF EVERY WAR VESSEL OWNED BY THE UNITED STATES FOR 125 YEARS.

Prepared for THE WORLD ALMANAC *by Edgar Stanton Maclay, A. M., Author of "A History of the United States Navy," "A History of American Privateers," "Reminiscences of the Old Navy," Editor of "William Maclay's Journal"* (*U. S. Senator from Pennsylvania*, 1789-1791).

NAVY OF THE REVOLUTION.

NOTE.—Pur., purchased; Bor., borrowed; Capt., captured.

WHEN the original thirteen Colonies began their struggle for independence they had, of course, no navy. Owing to the many dangers attending commerce on the high seas, not only from the interference of British cruisers but from those of other nations—to say nothing of buccaneers—most of our merchantmen had been constructed quite as much with a view to fighting as to carrying cargoes, so that many of our merchant craft were readily converted into formidable war vessels. The first fourteen vessels in the following list were purchased merchantmen. The Alfred, for instance, had been the trader Black Prince and was renamed Alfred in honor of Alfred the Great; the Columbus had been the Sally, etc. On December 13, 1775, Congress authorized the construction of five 32-gun, five 28-gun, and three 24-gun frigates. These are the vessels in the following list marked thus *, and were the first regularly authorized and constructed warships of the United States Navy:

When Built, Pur., or Bor.	Name.	Rig.	Guns.	How Acquired.	Remarks.	When Lost, Sold, Captured, etc.
1775	Alfred	Ship	24	Pur...	The Colonial flag, bearing the motto, "Don't Tread on Me," was first displayed on a warship in this vessel, being hoisted by John Paul Jones, January, 1776. The Alfred was captured by two British cruisers at sea in	1778
1775	Andrea Doria	Brig	14	Pur...	First United States warship to receive a foreign salute, the Governor of St. Eustatia being removed for his indiscretion. Was burned in Delaware Bay to prevent falling into enemy's hands	1777
1775	Cabot	Brig	14	Pur...	While commanded by Captain Joseph Olney was chased ashore by British 32-gun frigate Milford on coast of Nova Scotia and burned, March.	1777
1775	Columbus	Ship	24	Pur...	Was chased ashore on Point Judith by British squadron, April 1	1778
1775	Fly	Schooner	8	Pur...	Probably destroyed with the Wasp	1777
1775	Hampden	Brig	14	Pur...	Ran on rocks off Rhode Island and was condemned	1776
1775	Hornet	Sloop	10	Pur...	Originally the trader Falcon. Burned in Delaware Bay to prevent falling into enemy's hands	1777
1775	Independence	Sloop	10	Pur...	All these sloops are supposed to have been destroyed in the Delaware to prevent falling into enemy's hands	1777
1775	Mosquito	Sloop	4	Pur...		
1775	Sachem	Sloop	10	Pur...		
1775	Lexington	Brig	24	Pur...	Captured off coast of France by British cutter Alert, September 20	1777
1775	Providence	Brig	12	Pur...	Blown up by her crew in the Penobscot to prevent falling into enemy's hands, August 13	1779
1775	Reprisal	Brig	16	Pur...	First United States war craft to visit Europe, having Franklin as passenger. Foundered off Newfoundland Banks, all perishing except the cook	1778
1775	Wasp	Schooner	8	Pur...	One of our first warships to put to sea, originally the Scorpion. Was blown up in Delaware Bay to prevent falling into enemy's hands	1777
1776	Boston*	Ship	24	Built.	Built at Boston. Captured with the Providence when Charleston fell	1780
1776	Congress*	Ship	28	Built.	Built at Poughkeepsie and was destroyed to prevent falling into hands of enemy in North River	1777
1776	Delaware*	Ship	24	Built.	Built at Philadelphia and was captured by British (before she could get to sea) in the Delaware	1777
1776	Dolphin	Cutter	10	Pur...	Purchased in France, where she was fitted out. Supposed to have been destroyed in the Delaware	1777
1776	Effingham*	Ship	28	Built.	Built at Philadelphia. Was destroyed by enemy before she had received her armament in Delaware Bay	1778
1776	Hancock*	Ship	32	Built.	Built at Boston and was captured at sea by British squadron in May	1777
1776	Montgomery*	Ship	24	Built.	Built at Poughkeepsie and destroyed in North River to prevent falling into the hands of the enemy	1777
1776	Providence*	Ship	28	Built.	Built in Rhode Island. Was captured by the enemy when Charleston surrendered, May	1780
1776	Raleigh*	Ship	32	Built.	Built at Portsmouth, N. H. Was chased ashore near the mouth of the Penobscot by British squadron and captured, the Americans escaping on land, September 27	1778
1776	Randolph*	Ship	32	Built.	Built in Philadelphia. Attacked 64-gun ship Yarmouth in order to save her convoy, and succeeded, though Randolph was blown up and 311 of her 315 men perished, March 7	1778
1776	Revenge	Cutter	10	Pur...	Purchased in France, where she was fitted out. Sold in Philadelphia	1780
1776	Surprise	Cutter	10	Pur...	Purchased in France, where she was fitted out, made several prizes, and was seized by French Government, May	1777
1776	Trumbull*	Ship	28	Built.	Built at Norwich, Ct., and was captured after a severe action by a British squadron off the Delaware, August	1781
1776	Virginia*	Ship	28	Built.	Built at Baltimore. Chased by British squadron in Chesapeake Bay, and, running aground, was captured	1778
1776	Warren*	Ship	32	Built.	Built at Philadelphia and burned by her crew to prevent falling in enemy's hands in the Penobscot, August 13	1779
1776	Washington*	Ship	32	Built.	Built at Philadelphia. Was burned in the Delaware by the enemy before she had received her armament	1778
1777	Alliance	Ship	32	Built.	Built at Salisbury, Mass., and one of the most successful vessels in the navy of the Revolution, having formed part of John Paul Jones' squadron. She was sold at Philadelphia, June 3	1785
1777	Confederacy	Ship	32	Built.	Built at Norwich, Ct. Was captured by a British squadron, June 22	1781

When Built, Pur. or Bor.	Name.	Rig.	Guns.	How Acquired.	Remarks.	When Lost, Sold, Captured, etc.
1777	Duc de Lauzun	Ship	20	Pur.	Purchased in France. Sold in	1783
1777	Indian, or South Carolina.	Ship	40	Bor.	Built at Amsterdam for Louis XVI., who loaned her to the Duke of Luxemburg and the latter hired her to the State of South Carolina for three years for one-fourth of the prize money she might make. She was captured by a British squadron in	1782
1777	Queen of France	Ship	28	Pur.	Built at Nantes. Captured by the enemy on the fall of Charleston, May	1780
1777	Ranger	Ship	18	Built.	Built at Portsmouth, N. H., and was commanded by Captain John Paul Jones when he captured the Drake. She was captured by the enemy when Charleston fell	1780
1777	Saratoga	Ship	18	Built.	Put to sea early in October, 1780, and after the 8th of that month was not heard from. Supposed to have foundered and all hands lost.	1780
1777	The Hague	Ship	32	Pur.	Purchased in Europe. Sold in	1783
1778	General Gates	Ship	18	Built.	Broken up or sold at close of war	1783
1779	Bonhomme Richard.	Ship	42	Bor.	Formerly a French Indiaman called the Duc de Duras. Borrowed by Captain John Paul Jones, and was his flagship in his famous action with the Serapis. Sunk in the battle, September 23	1779
1779	Diligent	Brig	14	Capt.	Captured from the British by 12-gun brig Providence. Burned by the Americans to prevent falling into hands of enemy, August 13	1779
1779	Ariel	Ship	20	Bor.	These vessels were borrowed from the French and were returned	1783
1779	Cerf	Cutter	18	Bor.		1779
1779	Pallas	Ship	30	Bor.		1779
1779	Vengeance	Brig	12	Bor.		1779
1782	America	Ship	74	Built.	Built at Portsmouth, N. H., to replace a French 74-gun ship lost in Boston harbor in 1782. Was the first 74-gun ship built for our navy, the first command of her being given to Captain John Paul Jones by a unanimous vote of Congress. Was finally captured from the French by the English	..
1782	Gen. Washington	Ship	20	Capt.	Captured from the British by Captain Joshua Barney. She had been an American privateer, was taken by the enemy, who renamed her General Monk, and, on being recaptured by the Hyder Ally, was taken into the navy under her original name. Sold in	1784

SUMMARY OF THE NAVY OF THE REVOLUTION.—Forty-seven war vessels, mounting 1,054 guns. Of these 12 were captured by the enemy, 16 were destroyed to prevent falling into the hands of the enemy, 2 were lost at sea, 4 were condemned, and 4 were sold.

LAKE CHAMPLAIN FLOTILLA.

Besides these vessels there were on Lake Champlain:

When Built, Pur. or Bor.	Name.	Rig.	Guns.	Swivels.	Men.	Remarks.	When Lost, Sold, Captured, etc.
1776	Boston	Gondola	3	8	45	(This flotilla, under the command of General Arnold and manned mostly by soldiers, fought the British squadron October 11 to October 13, and, though defeated, it gave the enemy such a hard fight that it frustrated their ultimate design of invading New York from the north. Most of the American vessels were destroyed or captured.)	1776
1776	Congress	Galley	8	16	80		1776
1776	Connecticut	Gondola	3	8	45		1776
1776	Enterprise	Sloop	12	10	50		1776
1776	Gates	Galley	8	16	80		1776
1776	Jersey	Gondola	3	8	45		1776
1776	Lee	Galley	6	10	86		1776
1776	Liberty	Schooner	8	8	35		1776
1776	New Haven	Gondola	8	8	45		1776
1776	New York	Gondola	3	8	45		1776
1776	Philadelphia	Gondola	3	8	45		1776
1776	Providence	Gondola	3	8	45		1776
1776	Revenge	Schooner	8	10	50		1776
1776	Royal Savage	Schooner	12	10	50		1776
1776	Spitfire	Gondola	3	8	45		1776
1776	Trumbull	Galley	8	16	80		1776
1776	Washington	Galley	8	16	80		1776

SUMMARY OF THE LAKE CHAMPLAIN FLOTILLA.—Seventeen vessels, carrying 118 guns, 210 swivels, and 1,061 men. The Liberty and Gates were not engaged in the fight.

THE COUNTRY WITHOUT A NAVY.

On the close of the struggle for independence the navy had been reduced to a minimum, and by 1785 the last war craft had been sold, so that from 1785 to 1797 the country was without naval protection. The arguments against a standing army and a permanent navy are well summed up by William Maclay, who, with Robert Morris, represented Pennsylvania in the first United States Senate: "It is the design of the Court party to have a fleet and an army. This is but the entering wedge of a new monarchy in America, after all the bloodshed and sufferings of a seven years' war to establish a republic. The Indian war is forced forward to justify our having a standing army, and eleven unfortunate men, now in slavery in Algiers, is the pretext for fitting out a fleet." In another place Mr. Maclay said: "This thing of a fleet has been working among our members all the session. I have heard it break out often. It is another menace to our republican institutions."

The fallacy of these arguments was soon demonstrated in a most forcible manner. British and other foreign maritime powers, and even the piratical states of Barbary, soon began to prey upon our commerce, causing losses to our merchants which amounted to millions of dollars. Washington saw the necessity of a permanent and progressive navy when he said in his message to Congress: "To an active, external commerce, the protection of a naval force is indispensable," and he added: "To secure respect to a neutral flag requires a naval force organized and ready to vindicate it from insult or aggression." The losses the country sustained from the encroachments of aliens on its commerce were many times greater than the cost of maintaining a navy adequate for its protection would have been. Viewed in whatever light it may be, the expense of maintaining a respectable and progressive navy is nothing more than a safe and economical insurance on the prosperity of the country.

Congress was quickly brought to a recognition of this truth, and on April 30, 1798, a Secretary of the Navy was added to the President's Cabinet, Benjamin Stoddert being the first to fill that office. The construction of a new navy was now begun in earnest, and the first group of warships, that was destined to make the United States navy famous, was completed.

It will be noted that in building the new navy, carronades, or guns having a short range but greater smashing power, were first generally introduced in United States warships.

RECONSTRUCTION OF THE NAVY.

NOTE.—P., purchased. Vessels marked thus * were taken from the Revenue Service.

Date.	Name.	Rig.	Guns.	Men.	Tons.	Where Built.	Cost.	Sold, etc.	Date.
1797	Constellation	Ship	36	340	1265	Baltimore	$314,212	Rebuilt and still in service	1900
1797	Constitution	Ship	44	400	1576	Boston	302,719	Rebuilt and still in service	1900
1797	Crescent	Ship	36	340	1265	Portsmouth	300,000	Presented to the Dey of Algiers	1798
1797	United States	Ship	44	400	1576	Philadelphia	299,336	Launched July 10, broken up	1858
1798	Baltimore	Ship	20	180	422	Baltimore	56,277	Sold for $20,200	1801
1798	Connecticut (2)	Ship	24	220	492	Middletown	57,260	Sold for $19,200	1801
1798	Delaware (2)	Ship	20	180	321	Philadelphia	59,563	Sold for $23,800	1801
1798	*Diligence	Schr	12	50	187	Philadelphia	.....	Sold	1801
1798	*Eagle	Brig	14	70	187	Philadelphia	32,200	Sold for $10,586	1801
1798	Ganges	Ship	24	220	504	P. Philadelphia	80,665	Sold for $21,000	1801
1798	*General Greene	Sloop	10	34	98	Philadelphia	.....	Sold	1801
1798	†Geo. Washington	Ship	24	220	624	P. Providence	69,025	Sold for $52,000	1803
1798	*Governor Jay	Schr	14	70	187	New York	4,956	Sold for $3,000	1801
1798	Herald	Ship	18	140	279	Boston	47,780	Sold for $17,848	1801
1798	Merrimac	Ship	24	220	530	Newburyport	46,170	Sold for $21,154	1801
1798	Montezuma	Ship	20	180	347	Baltimore	55,732	Sold for $21,000	1801
1798	Norfolk	Brig	18	140	200	Norfolk	18,720	Sold for $3,240	1801
1798	*Pickering	Brig	14	90	187	Boston	32,126	Lost at sea	1800
1798	Pinckney	Brig	18	140	195	Charleston	20,000	Sold for $13,450	1801
1798	Portsmouth	Ship	24	220	593	Portsmouth	59,560	Sold for $34,368	1801
1798	Retaliation	Schr	14	76	107	Capt. from French	.....	Recaptured by French	1798
1798	Richmond	Brig	18	140	200	Norfolk	27,897	Sold for $6,250	1801
1798	*Scammel	Schr	14	70	187	Portsmouth	20,000	Sold for $8,200	1801
1798	*South Carolina	Schr	12	50	187	Charleston	5,330	Sold	1801
1798	Trumbull (3)	Ship	24	220	400	Norwich	58,496	Sold for $26,500	1801
1798	*Virginia (2)	Schr	14	70	187	Norfolk	.....	Sold	1801
1798	Warren (2)	Ship	20	160	385	Boston	34,702	Sold for $19,747	1801
1799	Adams	Ship	28	220	530	New York	76,622	Burned	1814
1799	Augusta	Brig	14	80	240	Baltimore	16,294	Sold for $13,889	1801
1799	Boston (3)	Ship	28	250	700	Boston	119,570	Burned	1814
1799	Chesapeake	Ship	36	340	1244	Norfolk	220,678	Captured by the Shannon, June 1	1813
1799	Congress (3)	Ship	36	340	1268	Portsmouth	197,246	Broken up	1836
1799	Enterprise (2)	Schr	12	70	135	Baltimore	16,240	In 1811 enlarged and rigged as a brig; wrecked	1823
1799	Essex	Ship	32	300	860	Salem	139,362	Captured March 28	1814
1799	General Greene (2)	Ship	28	250	645	Warren, R. I.	105,492	Burned	1814
1799	Insurgent	Ship	36	340	1300	Captured	Appraised at 96,640	Captured from French February 9, 1799; lost at sea	1800
1799	John Adams	Ship	28	220	544	Charleston	113,505	Broken up (was longer on one side than on the other)	1829
1799	Maryland	Ship	20	180	380	Baltimore	70,249	Sold for $20,200	1801
1799	New York (2)	Ship	36	340	1130	New York	159,639	Broken up	1814
1799	Patapsco	Ship	20	180	380	Baltimore	73,104	Sold for $24,680	1801
1799	Philadelphia (2)	Ship	36	307	1240	Philadelphia	179,349	Burned in Tripoli by Americans, Feb. 16	1804
1800	Experiment	Schr	12	70	135	.....	16,689	Sold for $8,447	1801
1800	President	Ship	44	400	1576	New York	220,910	Captured January 15	1815
1803	Argus	Brig	16	120	298	Boston	37,428	Captured August 14	1813
1803	Intrepid	Ketch	4	70	....	.....	.....	Blown up September 4	1804
1803	Nautilus	Schr	12	103	185	Baltimore	18,763	Rig changed to a brig in 1810; captured July 7	1812
1803	Siren	Brig	16	137	250	Philadelphia	32,522	Captured July 12	1814
1803	Vixen	Brig	12	111	185	Baltimore	20,873	Captured November 22	1812
1804	Hornet (2)	Sloop	10	....	....	Malta	.....	Sold	1806
1804	Scourge	Brig	16	80	....	.....	5,000	Sold	1812
1804	Viper	Brig	10	....	....	.....	.....	Captured January 17	1813
1805	Hornet (3)	Brig	18	140	440	Baltimore	52,603	Rig changed to a ship in 1811; wrecked	1829
1805	Spitfire (2)	Ketch	3	30	102	Boston	7,000	Broken up	1820
1805	Vengeance	Bomb B	3	30	102	Boston	18,443	Broken up	1818
1806	Etna	Bomb B	11	30	139	Portland	.....	Lost at sea	1812
1806	Vesuvius	Bomb B	11	30	....	Boston	29,659	Broken up	1829
1806	Wasp (2)	Ship	18	140	450	Washington	.....	Captured October 18	1812
1807	Revenge (3)	Schr	12	....	....	.....	.....	Lost off Newport	1811
1812	Alert	Ship	20	....	....	Captured	11,000	Broken up	1829
1812	Carolina (2)	Schr	14	100	230	Charleston	8,743	Blew up	1814
1812	Ferret (2)	Schr	8	53	....	Charleston	3,500	Lost at Stony Inlet	1814
1812	Louisiana	Ship	16	....	341	New Orleans	15,500	Broken up	1821
1812	Macedonian	Ship	38	362	1325	Captured	Appraised at 200,000	Broken up	1835
1812	Nonesuch	Schr	14	61	148	Charleston	15,000	Broken up	1826
1812	Sea Horse	Schr	1	14	....	New Orleans	.....	Burned	1814
1812	Tickler	Sloop	M	....	....	New Orleans	900	Sold	1818
1812	Troup	Brig	16	....	....	Savannah	8,000	Sold	1815
1813	Alligator	Schr	4	40	80	New Orleans	.....	Sunk	1814
1813	Alligator	Sloop	1	8	....	New Orleans	.....	Captured	1814
1813	Asp	Cutter	3	21	56	Alexandria	2,600	Sold	1824
1813	Erie	Ship	18	140	509	Baltimore	56,174	Broken up	1841
1813	Essex, Jr.	Ship	16	60	335	Captured	Appraised at 25,000	Sold in New York	1815
1813	Etna (2)	Bomb	11	....	220	New Orleans	5,857	Condemned	1817
1813	Frolic	Ship	18	140	509	Boston	72,095	Captured off Havana, April 20	1814

Date.	Name.	Rig.	Guns.	Men.	Tons.	Where Built.	Cost.	Sold, etc.	Date.
1813	Georgiana	Ship	16	....	280	Captured	.....	Recaptured	1814
1813	Greenwich	Ship	16	....	338	Captured	.....	Burned	1814
1813	Hellen	Schr.	4	....	....	Philadelphia	$5,000	Lost in Delaware Bay	1815
1813	Hornet (4)	Schr.	5	57	....	Georgetown	2,200	Broken up	1820
1813	Peacock	Ship	18	140	509	Boston	75,644	Broken up	1828
1813	Rattlesnake	Brig	14	120	278	Medford	18,000	Captured at sea	1814
1813	Vixen (2)	Brig	14	....	....	Savannah	6,900	Captured December 25	1813
1813	Wasp (3)	Ship	18	140	509	Newburyport	77,459	Lost at sea	1814
1814	Argus (2)	Ship	18	....	509	Washington	.....	Burned	1814
1814	Buffalo	Sloop	5	....	....	Philadelphia	.....	Sold	1816
1814	Bull Dog	Felucca	2	15	....	.....	.....	Sold	1821
1814	Camel	Sloop	5	....	....	Philadelphia	.....	Sold	1820
1814	Columbia	Ship	44	....	1508	Washington	.....	Burned on stocks	1814
1814	Corporation	Schr.	2	....	....	.....	.....	Sold	1820
1814	Despatch	Schr.	2	23	50	.....	.....	Sold	1820
1814	Eagle (3)	Schr.	12	....	....	New Orleans	.....	Sold	1820
1814	Epervier	Ship	18	128	477	Captured	55,000	Lost at sea	1815
1814	Firefly	Brig	14	....	333	Baltimore	17,435	Sold for $3,500	1816
1814	Flambeau	Brig	14	....	300	Baltimore	14,000	Sold	1816
1814	Fulton	Ship	30	....	2000	New York	320,000	First steam vessel in United States Navy; blown up	1829
1814	Guerriere	Ship	44	400	1508	Philadelphia	267,554	Broken up	1841
1814	Independence	Ship	54	750	2257	Boston	421,810	Now a receiving ship	1900
1814	Java	Ship	44	400	1508	Baltimore	232,767	Broken up	1842
1814	Lynx	Schr.	6	50	....	Washington	.....	Lost at sea	1820
1814	Prometheus	Brig	12	....	290	Philadelphia	20,000	Sold	1868
1814	Ranger (3)	Schr.	1	....	....	Baltimore	500	Sold	1816
1814	Roanoke	Schr.	7	....	....	.....	.....	Transferred from State Department in 1814, and sold	1816
1814	Spark	Brig	14	90	300	Baltimore	17,389	Sold for $3,500	1826
1814	Spitfire (3)	Schr.	12	....	286	Baltimore	30,000	Sold for $3,500	1816
1814	Tchifonta	Ship	22	....	....	New Orleans	.....	Not completed	1814
1814	Tom Bowline	Schr.	12	90	260	Portsmouth	13,000	Sold	1818
1814	Torch	Schr.	12	....	260	Baltimore	13,000	Sold for $3,500	1816
1814	Torpedo	Schr.	..	....	....	.....	.....	Sold	1818
1814	Washington (3)	Ship	74	750	2250	Portsmouth	235,801	Broken up	1843

LAKES ONTARIO, ERIE, AND CHAMPLAIN.

The following vessels were employed on Lake Ontario during the war of 1812: 14-gun brig Oneida, 243 tons; 74-gun ship New Orleans, 2,805 tons; 44-gun ship Chippewa (2), 1,748 tons; 44-gun ship Plattsburg, 1,748 tons; 44-gun ship Superior, 1,748 tons; 32-gun ship Mohawk, 1,100 tons; 24-gun ship General Pike, 875 tons; 20-gun ship Madison, 593 tons; 18-gun brig Jefferson, 420 tons; 16-gun brig Jones, 420 tons; 16-gun schooner Sylph, 300 tons (all the foregoing vessels were sold or broken up by 1821); 9-gun schooner Hamilton, 120 tons, wrecked 1813; 10-gun schooner Scourge (2), 120 tons, wrecked 1813; 6-gun schooner Gov. Tompkins, 96 tons, sold for $2,000 in 1815; 7-gun schooner Growler, 53 tons, captured 1813; 3-gun schooner Pert, 50 tons, sold for $1,500 in 1815; 3-gun schooner Lady of the Lake, 89 tons, sold in 1815; 3-gun schooner Conquest, 82 tons, sold for $2,540 in 1815; 2-gun schooner Fair American, 82 tons, sold for $625 in 1815; 2-gun schooner Ontario (2), 81 tons, sold for $1,405 in 1815; 2-gun schooner Asp (2), 57 tons, sold for $155 in 1815; 2-gun schooner Julia, 53 tons, captured in 1813; 2-gun schooner Elizabeth, sold in 1815; 14-gun brig Ranger, sold in 1821.

On Lake Erie were the 20-gun brig Lawrence, broken up after the war; 20-gun brig Niagara, broken up after the war; 4-gun schooner Ariel, broken up after the war; 3-gun brig Caledonia, sold after the war; 2-gun schooner Scorpion, captured 1814; 2-gun schooner Somers, captured 1814; 1-gun sloop Trippe, broken up after the war; 1-gun schooner Tigress, captured 1814; 1-gun schooner Porcupine, broken up after the war; 1-gun schooner Ohio, captured 1814; 1-gun schooner Amelia, sold after the war; 1-gun schooner Ghent, broken up after the war.

On Lake Champlain were the 11-gun sloops Eagle (2) and Growler (2), which were captured by the British in 1813 and recaptured by the Americans in 1814, and sold in 1815 for $800 each; 26-gun ship Saratoga (2), sold in 1824; the 20-gun brig Eagle (3), sold in 1824; 17-gun schooner Ticonderoga, sold in 1824; 7-gun sloop Preble, sold for $2,430 in 1815; ten galleys, mounting 1 to 2 guns each, sold in 1815; 6-gun sloop President (2), sold for $1,750 in 1815, and 6-gun sloop Montgomery, sold for $1,900 in 1815.

Date.	Name.	Rig.	Guns.	Men.	Tons.	Where Built.	Cost.	Sold, etc.	Date.
1815	Boxer	Brig	14	....	370	Middletown	$26,000	Lost at sea	1817
1815	Chippewa	Brig	14	....	390	Warren, R. I.	52,000	Lost at sea	1816
1815	Cyane	Ship	34	185	....	Captured	200,000	Broken up	1836
1815	Firebrand	Schr.	12	....	....	New Orleans	3,050	Condemned	1819
1815	Franklin	Ship	74	....	800	Philadelphia	438,149	.....	....
1815	Saranac	Brig	14	....	370	Middletown	26,000	Sold	1818
1815	Surprise	Ketch.	12	....	....	New Orleans	3,850	Condemned	1820
1817	Fox	Schr.	4	....	....	.....	.....	Condemned	1821
1819	Columbus (2)	Ship	74	780	2480	Washington	426,930	Broken up	1842
1820	Delaware (2)	Ship	74	820	2633	Gosport	543,368	Burned	1861
1820	North Carolina	Ship	74	820	2633	Philadelphia	431,852	Broken up	1858
1820	Ohio (2)	Ship	74	820	2757	New York	547,889	Broken up	1858
1820	Porpoise	Schr.	12	....	198	Portsmouth	25,529	Lost at sea	1833
1821	Alligator (3)	Schr.	12	....	198	Boston	26,909	Lost at sea	1823
1821	Dolphin (2)	Schr.	12	....	198	Philadelphia	25,389	Sold	1835
1821	Grampus	Schr.	12	....	184	Washington	23,627	Lost off Charleston	1843
1821	Potomac	Ship	44	480	1726	Washington	350,000	Broken up	1858
1821	Shark	Schr.	12	....	177	Washington	23,627	Lost in Columbia River	1846
1822	Beagle	Schr.	3	31	52	Baltimore	10,190	Sold	1825
1822	Decoy	Ship	6	....	....	New York	6,500	Sold	1826
1822	Ferret (2)	Schr.	3	31	51	Baltimore	10,190	Lost at sea	1825
1822	Fox (2)	Schr.	3	31	51	Baltimore	10,190	Sold	1838
1822	Greyhound	Schr.	3	31	65	Baltimore	10,190	Sold	1824
1822	Jackall	Schr.	3	31	47	Baltimore	10,190	Sold	1824
1822	Sea Gull	S.Gal'ot	3	....	....	New York	38,898	Sold for $4,750	1840
1822	Terrier	Schr.	3	31	61	Baltimore	10,190	Sold	1825
1822	Weasel	Schr.	3	31	53	Baltimore	10,190	Sold	1825
1822	Wild Cat	Schr.	3	31	48	Baltimore	10,190	Lost at sea	1824

Date.	Name.	Rig.	Guns.	Men.	Tons.	Where Built.	Cost.	Sold, etc.	Date.
1825	Boston (4)	Ship	18	..	700	Boston	$109,156	Lost at sea	1846
1825	Brandywine	Ship	44	480	1726	Washington	399,217	Condemned	1847
1827	Falmouth	Ship	18	190	703	Boston	112,535	Condemned	1859
1827	Natchez	Ship	18	...	700	Norfolk	104,845	Broken up	1840
1828	Concord	Ship	18	....	700	Portsmouth	115,325	Lost	1843
1828	Fairfield	Ship	18	190	700	New York	121,987	Broken up	1853
1828	Peacock (2)	Ship	18	...	559	New York	93,063	Lost	1841
1828	St. Louis	Ship	18	190	700	Washington	129,858	Still in service	1900
1828	Vandalia	Ship	18	190	700	Philadelphia	116,123	Wrecked	1889
1830	John Adams (2)	Ship	18	190	700	Gosport	119,308	Broken up	1858
1831	Ariel (3)	Schr	1	....	....	.....	4,854	Sold	1833
1831	Boxer (2)	Schr	10	....	194	Boston	30,697	Sold	1848
1831	Enterprise (3)	Schr	10	....	194	New York	27,935	Sold	1845
1831	Experiment (2)	Schr	10	....	194	Washington	28,355	Sold	1848
1831	Spark (2)	Schr	1	....	....	.....	4,747	Sold	1833
1831	Sylph (2)	Schr	1	....	....	.....	4,756	Lost at sea	1831
1836	Columbia (2)	Ship	44	480	1726	Washington	336,891	Broken up	1858
1836	Consort	Bark	6	75	230	Boston	51,794	Sold	1844
1836	Dolphin (3)	Brig	10	80	224	New York	47,469	Broken up	1856
1836	Macedonian (2)	Ship	36	380	1341	Gosport	258,872	Broken up	1859
1836	Pilot	Schr	2	50	120	New York	30,875	Sold	1838
1836	Pioneer	Brig	6	63	230	Norfolk	51,724	Sold	1844
1836	Porpoise (2)	Brig	10	80	224	Boston	45,000	Broken up	....
1836	Relief	Store Sp	4	44	468	Philadelphia	91,288	Sold	1857
1837	Active	Schr	2	50	122	P.New York	24,764	Sold for $4,500	1838
1837	Cyane (2)	Ship	18	190	792	Boston	143,469	Burned	1861
1837	Fulton (2)	Steam	9	200	2000	New York	309,196	Broken up	1857
1837	Levant (2)	Ship	18	190	792	New York	146,209	Broken up	1867
1837	Pennsylvania	Ship	120	1100	3241	Philadelphia	694,500	Burned	1861
1838	Flying Fish	Schr	2	15	90	New York	10,000	Sold	1849
1838	Sea Gull (2)	Schr	2	15	100	New York	11,000	Lost at sea	1839
1839	Dale	Brig	16	150	566	Philadelphia	107,722	Maryland Naval Reserve	1900
1839	Decatur	Brig	16	150	566	New York	117,483	Broken up	1856
1839	Marion	Brig	16	150	566	Boston	124,549	Broken up	....
1839	Preble	Brig	16	150	566	Portsmouth	112,782	Broken up	1859
1839	Yorktown	Brig	16	150	566	Gosport	106,361	Broken up	....
1841	Congress (4)	Ship	44	480	1867	Portsmouth	399,088	Destroyed by Merrimac, March 8	1862
1841	Mississippi	Steam	10	268	1692	Philadelphia	567,408	Destroyed	1863
1841	Missouri	Steam	10	268	1700	New York	570,667	Burned	1843
1841	Oregon	Brig	2	....	250	.....	9,500	Sold	1845
1841	Phœnix	Schr	2	35	....	Baltimore	.....	Sold	....
1842	Bainbridge	Brig	10	80	259	Boston	49,790	Destroyed	1861
1842	Cumberland	Ship	44	480	1726	Boston	357,475	Sunk by Merrimac, March 8	1862
1842	Saratoga (3)	Ship	20	210	882	Portsmouth	159,169	Naut cal school	1900
1842	Savannah	Ship	44	480	1726	New York	400,739	Burned	1861
1842	Somers (2)	Brig	10	....	250	New York	37,650	Sunk	1846
1842	Truxtun	Brig	10	....	331	Norfolk	40,867	Wrecked	1846
1842	Union	Steam	4	53	956	Gosport	179,865	Dismantled in	1848
1843	Lawrence (2)	Brig	10	80	364	Baltimore	48,350	Sold in New York	1846
1843	Onkahye	Schr	2	....	250	New York	11,000	Wrecked	1848
1843	Perry	Brig	10	80	280	Gosport	50,750	Sold	1865
1843	Plymouth	Ship	20	210	939	Boston	168,212	Burned	1861
1843	Portsmouth	Ship	20	210	1125	Portsmouth	170,586	Naval Reserve, New Jersey	1900
1843	Princeton	Steam	9	166	672	Philadelphia	212,614	Broken up	1849
1843	Raritan	Ship	44	480	1726	Philadelphia	406,087	Burned	1861
1843	Washington (3)	Brig	10	....	....	.....	.....	Trans. from Treas. Dept. to Coast Survey	1848
1844	Jamestown	Ship	20	210	985	Gosport	199,726	Condemned	....
1844	Michigan	St. SW.	1	85	582	Erie	165,000	Great Lakes	1900
1844	Princeton (2)	Steam S	10	190	900	Boston	259,460	Sold	1866
1844	St. Mary's	Ship	20	210	1025	Washington	192,113	School ship, New York	1900
1844	Water Witch	St. SW.	3	55	378	Washington	74,725	Captured by Confederates	1864
1845	Massachusetts	Steam	4	75	760	Boston	80,000	Sold	1867
1846	Albany	Ship	20	210	939	New York	52,214	Burned	1861
1846	Bonita	Schr	1	25	76	New York	11,547	Sold for $1,250	1848
1846	Electra	Ship	2	28	248	New York	.....	Sold	1848
1846	Etna (3)	Bomb B	1	10	182	Boston	17,000	Sold for $3,010	1848
1846	General Taylor	St. SW.	1	25	150	New York	21,750	Sold for $3,000	1852
1846	Germantown	Ship	20	210	939	Philadelphia	166,343	Burned	1861
1846	Hecla	Bomb B	1	10	194	New York	34,478	Sold for $4,700	1848
1846	Malek Ahdel	Brig	10	68	440	Capt. from Mex.	.....	Sold for $4,525	1848
1846	Petrita	Steam	1	18	300	Capt. from Mex.	.....	Sunk off Alvarado	1848
1846	Reefer	Schr	1	20	76	New York	11,603	Sold for $1,575	1848
1846	Scorpion (2)	Steam	3	60	339	New York	80,505	Sold for $14,500	1848
1846	Scourge (3)	Steam	3	50	230	New York	44,825	Sold for $2,300	1848
1846	Spitfire (4)	Steam	3	50	228	New York	49,441	Sold for $5,110	1848
1846	Stromboli	Bomb B	1	10	182	Boston	17,000	Sold for $3,010	1848
1846	Vesuvius	Bomb B	1	10	239	New York	12,500	Sold for $5,350	1848
1846	Vixen (3)	St. SW.	1	55	240	P.New York	55,002	Destroyed	1861
1847	Alleghany	Steam S	10	190	1000	Gosport	242,596	Sold	1869
1847	Edith	Steam	2	25	400	P.Boston	80,000	Lost, California	1849
1847	Iris	Steam	3	70	400	P.New York	85,991	Sold for $23,610	1849
1847	Sabine	Ship	44	480	1726	New York	450,000	Broken up	1886
1847	Santee	Ship	44	480	1726	Portsmouth	450,000	Broken up	1882
1848	Saranac (2)	St. SW.	6	235	1443	Portsmouth	388,368	Sunk	1875
1847	St. Lawrence	Ship	44	480	1726	Gosport	429,607	Sold	1876
1848	Vermont	Ship	74	820	2633	Boston	489,000	Navy Yard, New York	1900
1848	New York (3)	Ship	74	820	...	Boston	.....	Name changed to New Hampshire	1900
1850	John Hancock	Steam S	3	61	382	Boston	32,870	Sold	1865
1850	Powhatan	St. SW.	9	300	2415	Gosport	795,221	Broken up	1875
1850	San Jacinto	Steam S	6	235	1446	New York	408,885	Wrecked	1865
1850	Susquehanna	St. SW.	9	300	2450	Philadelphia	697,215	Broken up	1879

Date.	Name.	Rig.	Guns.	Men.	Tons.	Where Built.	Cost.	Sold, etc.	Date.
1855	Colorado	Steam S	40	450	4750	Gosport	$673,942	Receiving ship, Boston	1900
1855	Merrimac	Steam S	40	450	4350	Charlestown	638,942	Burned at Norfolk	1861
1855	Minnesota	Steam S	40	480	4680	Washington	689,643	Naval Reserve, Massachusetts	1900
1855	Niagara	Steam S	40	450	4780	Brooklyn	732,000	Condemned	1881
1855	Roanoke (2)	Steam S	40	450	4570	Gosport	692,000	Cut down to an ironclad, 1862; unserviceable	1882
1855	Sumter	Steam S	5	180	1170	Gosport	392,000	Sunk in a collision, June 24	1864
1855	Wabash	Steam S	40	450	4650	Philadelphia	687,000	Receiving ship at Boston	1900
1858	Brooklyn	Steam S	22	380	3670	Brooklyn	584,000	Condemned	1899
1858	Crusader	Steam S	7	140	1360	Washington	465,000	Sold	1865
1858	Dakota	Steam S	7	180	1575	New York	435,000	Condemned	1873
1858	Hartford	Steam S	24	380	2790	Boston	518,000	Fitted with modern battery	1900
1858	Iroquois	Steam S	6	180	1575	New York	465,000	Marine Hospital	1900
1858	Lancaster	Steam S	18	240	3250	Philadelphia	574,000	Special service	1900
1858	Mohawk	Steam S	7	160	1240	New York	487,000	Sold	1864
1858	Mohican	Steam S	7	180	1900	New York	412,000	Mare Island	1900
1858	Mystic	Steam S	5	135	1176	Boston	398,000	Sold	1865
1858	Narragansett	Steam S	6	180	1580	Boston	460,000	Condemned	1882
1858	Pawnee	Steam S	11	240	1460	Philadelphia	430,000	Condemned	1872
1858	Pensacola	Steam S	18	340	2700	Pensacola	548,000	Mare Island	1900
1858	Pocahontas	Steam S	6	180	1380	Norfolk	389,000	Sold	1865
1858	Pulaski	St. SW.	4	120	980	Norfolk	230,000	Sold	1863
1858	Richmond	Steam S	24	380	3000	Norfolk	582,000	League Island	1900
1858	Seminole	Steam S	6	180	1430	Baltimore	424,000	Condemned	1873
1858	Wyoming	Steam S	7	180	1550	Philadelphia	516,000	Condemned	1876
1859	Saginaw	St. SW.	3	120	660	Philadelphia	267,000	Condemned	1872
1859	Wyandotte	Steam S	5	120	970	Boston	268,000	Sold	1865

†First United States warship to display our flag in the Mediterranean. (See page 358.)

‡The keels of these vessels, with those of other 74-gun ships (the Virginia and Alabama), were laid in 1818, but work on them was suspended until 1848. The New York (name changed to the New Hampshire) is now used as a training ship for the New York Naval Reserves. The Virginia and Alabama were not completed.

THE NAVY IN THE CIVIL WAR.

At the outbreak of the civil war the navy of the United States consisted of 90 war craft, of which 21 were unserviceable, 27 were out of commission, and 42 were in commission. This force was rapidly increased by purchase, chartering, and building during the war, so that by March 10, 1865, the navy list showed 717 vessels. The great majority of these vessels were craft purchased and fitted for the emergency, many of them being canal-boats, ferry-boats, while a number were sea-going passenger steamers, which cannot properly be counted as the regular warships of the United States Navy.

In 1861 the following side-wheel steamers were purchased and fitted for various services: Alabama, Augusta, Bienville, Clifton, Commodore Barney, Commodore Perry, Connecticut, Delaware, De Soto, Florida, Hatteras (sunk by the Confederate cruiser Alabama), Island Belle, Jacob Bell, James Adger, John L. Lockwood, J. N. Seymour, J. P. Jackson, Keystone State, Morse, O. M. Pettit, Quaker City, Rhode Island, Santiago de Cuba, Satellite, State of Georgia, Stepping Stones, Thomas Freeborn, Westfield, W. G. Putnam, Whitehall, Wyandank, and Yankee, making a total of 32 side-wheel steamers, mounting in all 160 guns, having 26,680 tons, and costing $2,418,103. As the war progressed the following side-wheel steamers were drafted into the service: Adela, Alexandria, Arizona, Baltimore, Banshee, Bloomer, Britannia, Cactus, Calhoun, Carrabassett, Cœur de Lion, Columbine, Commodore, Commodore Hull, Commodore Jones, Commodore Macdonough, Commodore Read, Cornubia, Cowslip, Daffodil, Darlington, Elk, Ella, Ellen, Fort Jackson, Geranium, Gettysburg, Glasgow, Granite City, Harriet Lane, Harvest Moon, Heliotrope, Hetzel, Hollyhock, Honduras, Hunchback, Hyacinth, King Philip, Magnolia, Malvern, Mercury, Merrimac, Meteor, Mount Washington, Nansemond, Nita, Nyanza, Oleander, Philadelphia, Phillipi, Primrose, Rodolph, Shokohon, Somerset, Southfield, Stockdale, Tallahatchie, Tennessee, Tritonia, Vanderbilt, and Wave.

There were purchased in 1861 the following screw steamers: A. C. Powell, Albatross, Cambridge, Ceres, Cohasset, Currituck, Daylight, E. B. Hale, Flag, Flambeau, Henry Andrew, Henry Brinker, Huntsville, Isaac Smith, Louisiana, Madge, Mercedita, Montgomery, Monticello, Mount Vernon, New London, Norwich, Patron, Penguin, Potomska, R. B. Forbes, Rescue, Resolute, R. R. Cuyler, Sachem, South Carolina, Stars and Stripes, Uncas, Valley City, Varina, Victoria, Wamsutta, Western World, Whitehead, and Young Rover, having a total of 20,403 tons, mounting 175 guns, and costing $2,215,037. During the war the following additional screw steamers were drafted into the service: Acacia, Admiral, Alert, Althea, Aries, Arkansas, Augusta Dinsmore, Bermuda, Buckthorn, Calypso, Camelia, Carnation, Cherokee, Circassian, Clover, Dai Ching, Dandelion, Dawn, Daylight, Dragon, Emma, Eureka, Fahkee, Faralones, Fortune, Fuchsia, Galatea, Gertrude, Glaucus, Gov. Buckingham, Grand Gulf, Hendrick Hudson, Home, Honeysuckle, Howquah, Huron, Hydrangea, Ida, Iris, Iuka, John Hancock, Jonquil, Kensington, Larkspur, Leslie, Lilac, Lodona, Maria, Marigold, Mary Sandford, Mayflower, Memphis, Monterey, Montgomery, Narcissus, Neptune, Nereus, Newberne, Niphon, Norwich, Pilgrim, Poppy, Princess Royal, Proteus, Queen, Rocket, Rose, Snowdrop, Speedwell, Standish, Stettin, Sunflower, Sweetbrier, Teaser, Triana, Tulip, Union, Vicksburg, Violet, Virginia, Young America, and Zouave.

There were purchased in 1861 the following ship-rigged sailing vessels: Charles Phelps, Courier, Fearnot, Ino, Kittatinney, Morning Light, National Guard, Nightingale, Onward, Pampero, Roman, Shepard Knapp, and William Badges, mounting 52 guns, having an aggregate of 9,998 tons, and costing $313,503. The following barks were purchased: A. Houghton, Amanda, Arthur, Braziliera, Ethan Allen, Fernandina, Gem of the Sea, Gemsbok, Horace Beals, James C. Chambers, James L. Davis, J. C. Kuhn, Kingfisher, Midnight, Pursuit, Restless, Roebuck, and William G. Anderson, mounting 78 guns, with a total of 8,432 tons, and costing $357,400.

The following schooners were purchased in 1861: Adolph Hugel, Arletta, Bahlo, Chotank, C. P. Williams, Daniel Smith, George Blunt, George Mangham, Hope, Henry Janes, John Griffith, Maria A. Wood, Maria J. Carleton, Matthew Vassar, Norfolk Packet, O. H. Lee, Orvetta, Para, Racer, Rachael Seaman, Sam Rotan, Sarah Bruen, Sea Foam, Sidney C. Jones, Sophonia, T. A. Ward, and William Bacon, mounting 48 guns, with a total of 5,203 tons, and costing $216,796. Other sailing vessels taken into the service during the war were: Albemarle, the famous yacht America, Annie, Ariel, Beauregard, Ben Morgan, Carmita, Charlotte, Corypheus, Dart, Eugenie, Fox, Granite,

Ironsides, Jr., Julia, Pampero, Release, Renshaw, Rosalie, Sea Bird, Shark, Stonewall, Supply, Two Sisters, Wanderer, Wildcat.

On the Western rivers a fleet of war craft was hastily created, suited to the peculiar conditions of that service. They were all sold or broken up after the war. The river steamers Tyler, Conestoga, and Lexington were fitted up as gunboats and performed valuable services, on several occasions saving the army from defeat. The De Kalb, Carondelet, Cincinnati, Louisville, Mound City, Cairo, Pittsburgh, Benton, and Essex were formidable ironclads, which admirably withstood the heavy pounding they were subjected to. Another class of river ironclads were the Lafayette, Tuscumbia, Indianola, and Chillicothe. The powerful river steamers Queen of the West, Monarch, Sumter, Samson, Lioness, Fulton, and Switzerland were fitted out as rams. Other vessels engaged on the Western rivers were the Abeona, Abraham, Alfred Robb, Antelope, Argosy, Avenger, Benefit, Black Hawk, Brilliant, Champion, Choctaw, Clara Dolsen, Collier, Colossus, Covington, Cricket, Curlew, Dahlia, Daisy, Eastport, Elfin, Estrella, Exchange, Fairplay, Fairy, Fawn, Fern, Forest Rose, Fort Donelson, Fort Henry, Fort Hindman, Gamage, Gazelle, Gen. Bragg, Gen. Burnside, Gen. Grant, Gen. Lyon, Gen. Pillow, Gen. Price, Gen. Sherman, Gen. Thomas, Glide, Grampus, Great Western, Grossbeck, Hastings, Huntress, Hyacinth, Ibex, Ion, Ivy, Judge Torrence, Juliet, Kate, Kenwood, Key West, Laurel, Linden, Little Rebel, Manhattan, Marmora, Mignonette, Mist, Mistletoe, Moose, Myrtle, Naiad, Naumkeag, Nettle, New Era, New National, Nymph, Oriole, Ouachita, Paw Paw, Peosta, Petrel, Prairie Bird, Queen City, Rattler, Red Rover, Reindeer, Romeo, Signal, Silver Cloud, Silver Lake, Sovereign, Springfield, St. Clair, Sybil, Tawah, Tempest, Tennessee, Tensas, Thistle, Undine, Victory, Vindicator, Volunteer, and William H. Brown.

The total number of vessels purchased by the Government during the war was 418, of which 313 were steamers. The total number of sea-going war vessels built or projected by the Government during the war was 211, of which 143 were wooden vessels and 68 were ironclads. These 211 war craft will now be given in detail as belonging to the navy proper in the civil war.

ABBREVIATIONS: W., Wood Hull; I., Iron Hull; S., Screw; SW., Sidewheel; M., Monitor with a single turret; MDT., Monitor with double turrets.

Built or Projected.	Name.	Material and Propulsion.	Guns.	Crew.	Tons.	Where Built.	Cost.	Remarks.	Date.
1861	Adirondack	W. S.	9	170	1,240	New York	$125,000	Wrecked near Abaco, August 23	1864
1861	Agawam	S. SW.	8	160	974	Portland	157,000	Dewey served in this vessel. Sold in	1867
1861	Algonquin	W. SW.	12	220	974	New York	157,000	Sold in	1869
1861	Aroostook	W. S.	6	140	507	Kennebunk	99,500	Sold in	1869
1861	Ascutney	I. SW.	8	160	974	New York	157,500	Sold in	1868
1861	Cayuga	W. S.	6	140	507	Portsmouth	97,500	Sold in	1865
1861	Chenango	W. SW.	8	160	974	Brooklyn	157,000	Sold in	1868
1861	Chicopee	W. SW.	8	160	974	Boston	157,500	Sold in	1865
1861	Chippewa	W. S.	6	140	507	New York	101,000	Sold in	1865
1861	Chocura	W. S.	4	130	507	Boston	98,500	Sold in	1867
1861	Cimmerone	W. SW.	10	170	860	Bordentown, N. J.	100,000	Sold in	1868
1861	Connemaugh	W. SW.	8	160	955	Portsmouth	132,000	Sold in	1867
1861	Eutaw	W. SW.	8	160	974	Baltimore	160,000	Sold in	1865
1861	Genesee	W. SW.	4	110	803	Boston	132,000	Sold in	1867
1861	Housatonic	W. S.	9	170	1,240	Boston	†110,000	Sunk by a torpedo in Charleston Harbor, February 17	1864
1861	Huron	W. S.	4	130	507	Boston	101,000	Sold in	1869
1861	Iosco	W. SW.	8	160	974	Baltimore	157,000	Condemned in	1867
1861	Itasca	W. S.	4	130	507	Philadelphia	98,500	Sold in	1865
1861	Juniata	W. S.	9	170	1,240	Philadelphia	480,000	.....	
1861	Kanawha	W. S.	4	130	507	East Haddam, Ct.	97,500	Sold in	1866
1861	Katahdin	W. S.	4	130	507	Bath, Me	97,500	Sold in	1865
1861	Kearsarge	W. S.	7	170	*1,031	Kittery	540,000	Wrecked on Roncador Reef, Feb. 2	1894
1861	Kennebec	W. S.	4	130	507	Thomaston, Me	100,500	Sold in	1865
1861	Kineo	W. S.	6	140	507	Portland	99,500	Sold in	1865
1861	Lenapee	W. SW.	8	160	974	Brooklyn	157,500	Sold in	1868
1861	Mackinaw	W. SW.	8	160	974	New York	157,000	Sold in	1867
1861	Mahaska	W. SW.	6	140	832	Portsmouth	132,000	Sold in	1868
1861	Maratanza	W. SW.	6	140	786	Boston	130,000	Sold in	1868
1861	Marblehead	W. S.	4	130	507	Newburyport	96,000	Sold in	1868
1861	Massasoit	W. SW.	8	160	974	Boston	157,000	Sold in	1867
1861	Mattabessett	W. SW.	8	160	974	Boston	157,000	Sold in	1867
1861	Mendota	W. SW.	8	160	974	Brooklyn	155,000	Sold in	1867
1861	Metacomet	W. SW.	8	160	974	Brooklyn	155,000	Sold in	1868
1861	Miami	W. SW.	7	140	730	Philadelphia	150,000	Sold in	1865
1861	Mingoe	W. SW.	8	160	974	Bordentown, N. J.	157,000	Sold in	1867
1861	Octorara	W. SW.	6	140	829	New York	150,000	Sold in	1866
1861	Oneida	W. S.	9	180	1,032	New York	†102,000	Sunk in a collision in the Bay of Yedo, January 24	1870
1861	Osceola	W. SW.	8	160	974	Boston	157,000	Sold in	1867
1861	Ossipee	W. S.	9	170	1,240	Portsmouth	†93,000	Condemned in	1890
1861	Otsego	W. SW.	8	160	974	New York	157,000	Sunk by a torpedo, December	1864
1861	Ottawa	W. S.	5	130	507	New York	88,000	Sold in	1865
1861	Owasco	W. S.	4	120	507	Mystic River, Ct.	99,000	Sold in	1865
1861	Paul Jones	W. SW.	6	140	863	Baltimore	100,000	Sold in	1867
1861	Pawtuxet	W. SW.	8	160	974	Portsmouth	157,000	Sold in	1867
1861	Pembina	W. S.	4	120	507	New York	88,000	Sold in	1865
1861	Penobscot	W. S.	5	130	507	Belfast, Me	97,000	Sold in	1869
1861	Peoria	W. SW.	8	160	974	New York	157,000	Sold in	1868
1861	Pinola	W. S.	4	120	507	Baltimore	98,000	Sold in	1865
1861	Pontiac	W. SW.	8	160	974	Philadelphia	157,000	Sold in	1867
1861	Pontoosuc	W. SW.	8	160	974	Portsmouth	100,000	Sold in	1866
1861	Port Royal	W. SW.	8	140	805	New York	88,500	Sold in	1866
1861	Sagamore	W. S.	4	120	507	Boston	101,000	Sold in	1866
1861	Sassacus	W. SW.	8	160	974	Portsmouth	157,000	Sold in	1868
1861	Sciota	W. S.	4	120	507	Boston	101,000	Sunk by a torpedo, raised and sold in	1865
1861	Sebago	W. SW.	6	140	852	New York	98,000	Sold in	1867

Built or Projected.	Name.	Material and Propulsion.	Guns.	Crew.	Tons.	Where Built.	Cost.	Remarks.	Date.
1861	Seneca	W. S.	4	120	507	New York	$38,000	Sold in	1868
1861	Shamrock	W. SW.	8	160	974	New York	157,000	Sold in	1868
1861	Sonoma	W. SW.	6	140	955	Portsmouth	125,000	Sold in	1867
1861	Tacony	W. SW.	8	150	974	Philadelphia	157,000	Sold in	1868
1861	Tahoma	W. S.	4	120	507	Wilmington	100,000	Sold in	1867
1861	Tallahoma	W. SW.	8	140	974	New York	157,000	Sold in	1868
1861	Tallapoosa	W. SW.	8	130	974	Boston	157,000	Sold in	1892
1861	Tioga	W. SW.	6	140	819	Boston	125,000	Sold in	1867
1861	Tuscarora	W. S.	10	180	997	Philadelphia	†102,000	Condemned in	1884
1861	Unadilla	W. S.	6	140	507	New York	88,000	Sold in	1869
1861	Wachusett	W. S.	9	170	1,032	Boston	†104,000	Condemned in	1886
1861	Wiona	W. S.	4	120	507	New York	101,000	Sold in	1865
1861	Winooski	W. SW.	8	130	974	Boston	157,000	Sold in	1868
1861	Wissahickon	W. S.	4	120	507	Philadelphia	98,500	Sold in	1865
1861	Wyalusing	W. SW.	8	140	1,030	Philadelphia (See Manayunk.)	157,000	Sold in	1867
1862	Ajax								
1862	Ashuelot	I. SW.	10	140	*1,030	New York	172,000	Wrecked on Asiatic station	1883
1862	Canandaigua	W. S.	9	140	1,395	Boston	110,000	Condemned in	1873
1862	Canonicus	I. M.	2	50	*1,034	Boston	622,963	League Island	1900
1862	Catawba	I. M.	2	50	*1,034	Cincinnati	460,000	Sold in	1868
1862	Galena	I. S.	6	120	738	New York	340,000	Sold in	1872
1862	Keokuk	I. S.	2	60	677	Jersey City	220,000	Sunk in Charleston Harbor	1863
1862	Lackawanna	W. S.	9	160	*1,533	New York	110,000	Sold in	1889
1862	Mahopac	I. M.	2	50	*1,034	Jersey City	635,374	League Island	1900
1862	Manayunk	I. M.	2	50	*1,034	Philadelphia	626,582	Name changed to Ajax, 1869; sold in	1899
1862	Manhattan	I. M.	2	50	*1,034	Jersey City	628,879	League Island	1900
1862	Mohongo	I. M.	2	50	*1,034	New York	371,000	Sold in	1870
1862	Monitor	I. M.	2	50	1,800	Greenpoint	275,000	Sunk December 31	1862
1862	Monocacy	I. SW.	10	160	*1,030	Baltimore	171,000	On Asiatic station	1900
1862	Monongahela	W. S.	9	180	2,100	Philadelphia	†110,000	Annapolis	1900
1862	Muscoota	I. SW.	10	160	1,030	Brooklyn	171,000	Sold in	1869
1862	Nahant	I. M.	2	50	1,875	Boston	393,000	League Island	1900
1862	Nantucket	I. M.	2	50	*844	Boston	408,091	Port Royal, S. C.	1900
1862	New Ironsides	I. S.	20	220	3,486	New York	680,000	Burned at Philadelphia	1868
1862	Sacramento	W. S.	9	180	1,367	Portsmouth	117,000	Wrecked	1867
1862	Sangus	I. M.	2	50	1,034	Philadelphia	460,000	Condemned in	1889
1862	Shamokin	W. SW.	10	160	1,034	Chester	172,000	Sold in	1869
1862	Shenandoah	W. S.	9	180	1,378	Philadelphia	†110,000	Sold in	1889
1862	Suwanee	I. SW.	10	140	1,030	Chester	171,000	Wrecked July 9	1868
1862	Tecumseh	I. M.	2	110	1,034	New York	460,000	Sunk at Mobile, August 5	1864
1862	Ticonderoga	W. S.	9	180	1,533	New York	110,000	Condemned in	1883
1862	Tippecanoe	I. M.	2	50	1,034	Jersey City	633,327	Name changed to Wyandotte in 186.; condemned in	1894
1862	Wateree	I. SW.	12	180	974	Chester	130,170	Wrecked by an earthquake at Arica in	1868
1862	Winnipec	I. SW.	10	160	1,030	New York (See Tippecanoe.)	171,000	Sold in	1869
1862	Wyandotte								
1863	Ammonoosuc	W. S.	17	320	3,213	Boston	.....	Name changed to Iowa in 1869; never completed	....
1863	Atlanta	I. S.	4	220	2,800	Charleston	.....	Captured; sold	1869
1863	Bonhomme Richard.	W. S.	20	380	3,213	.....		Authorized but never completed	....
1863	Casco	I. M.	1	35	614	Charlestown	395,000	Name changed to Hero in 1869, broken up in	1875
1863	Catskill	I. M.	2	50	*844	Greenpoint	427,766	League Island	1900
1863	Chattanooga	W. S.	17	380	3,233	New York	680,000	Sunk and sold in	1872
1863	Chickasaw	I. MDT.	4	120	970	St. Louis	320,000	Sold in	1874
1863	Chimo	I. M.	1	35	614	Charlestown	395,000	Name changed to Piscataqua in 1869; broken up in	1875
1863	Cohoes	I. M.	2	50	614	Greenpoint	395,000	Broken up in	1874
1863	Comanche	I. M.	2	50	*844	Jersey City	613,164	Mare Island	1900
1863	Etlah	I. M.	2	50	614	Cairo (See Sangamon.)	386,000	Sold in	1874
1863	Jason								
1863	Kickapoo	I. MDT.	4	110	970	St. Louis	318,000	Name changed to Kewaydin in 1864; sold in	1874
1863	Klamath	I. M.	2	50	614	Cairo	395,000	Sold in	1874
1863	Koka	I. M.	2	50	614	Philadelphia	386,000	Broken up in	1874
1863	Lehigh	I. M.	2	50	844	Chester	422,726	League Island	1900
1863	Madawaska	W. S.	17	380	3,281	New York	620,000	Name changed to Tennessee in 1869; sold in	1883
1863	Marietta	I. M.	2	50	479	Pittsburgh	188,000	Sold in	1873
1863	Milwaukee	I. MDT.	4	120	970	St. Louis	303,000	Sunk by a torpedo in March	1865
1863	Modoc	I. M.	1	35	614	Brooklyn	395,000	Broken up in	1874
1863	Montauk	I. M.	2	50	*844	Greenpoint	423,027	League Island	1900
1863	Naps	I. M.	1	35	614	Philadelphia	395,000	Broken up in	1874
1863	Naubec	I. M.	1	35	614	Brooklyn	395,000	Name changed to Minnetonka in 1869; broken up in	1874
1863	Nausett	I. M.	2	50	614	Charlestown	386,000	Broken up in	1874
1863	Neosho	I. M.	1	50	523	St. Louis	165,000	Name changed to Osceola; sold in	1873
1863	Neshaminy	W. S.	17	380	3,213	.....	640,000	Name changed to Nevada in 1869; sold in	1877
1863	Onondaga	I. MDT.	4	110	1,250	New York	625,000	Sold in	1868
1863	Osage	I. M.	2	50	523	St. Louis	165,000	Sunk in	1865
1863	Ozark	I. M.	2	50	523	Mound City	186,000	Sunk in	1865
1863	Passaic	I. M.	2	50	844	Greenpoint	423,171	Sold in	1899
1863	Patapsco	I. M.	2	50	844	Wilmington	400,000	Sunk, January 15	1865
1863	Pompanoosuc	W. S.	17	380	3,713	Boston	.....	Never completed; name changed to Connecticut in	1869
1863	Sandusky	I. M.	2	50	479	Pittsburgh	188,000	Sold in	1873
1863	Sangamon	I. M.	2	50	*844	Chester	422,766	Name changed to Jason in 1869; at League Island	1900

Built or Projected.	Name.	Material and Propulsion.	Guns.	Crew.	Tons.	Where Built.	Cost.	Remarks.	Date.
1863	Shamokin	I. SW.	10	220	1,030	Philadelphia	$171,000	Sold in	1869
1863	Shawnee	I. M.	2	50	614	Charlestown	386,000	Broken up in	1875
1863	Shiloh	I. M.	2	50	614	Cairo	386,000	Name changed to Iris in 1869; sold in	1874
1863	Squando	I. M.	2	50	614	Charlestown	395,000	Name changed to Algoma in 1869; broken up in	1874
1863	Suncook	I. M.	2	50	614	Charlestown	395,000	Broken up in	1874
1863	Tunxis	I. M.	2	50	614	Philadelphia	386,000	Name changed to Otsego in 1869; broken up in	1875
1863	Umpqua	I. M.	2	50	614	Cairo	395,000	Sold in	1874
1863	Wampanoag	W. S.	15	380	3,281	New York	.....	Name changed to Florida in 1869; condemned in	1878
1863	Wassuc	I. M.	2	50	614	Portland	386,000	Broken up in	1875
1863	Waxsaw	I. M.	2	50	614	Baltimore	396,000	Name changed to Niobe in 1869; broken up in	1874
1863	Weehawken	I. M.	2	50	840	Jersey City	400,000	Sunk, December 6	1863
1863	Winnebago	I. MDT.	4	110	970	St. Louis	303,000	Name changed to Tornado, 1869; sold	1874
1863	Yazoo	I. M.	2	50	614	Philadelphia	395,000	Sold in	1874
1863	Yuma	I. M.	2	50	614	Cairo	395,000	Sold in	1874
1864	Agamenticus‡	I. MDT.	4	120	*1,564	Portsmouth	†129,000	Name changed to Terror in 1869; at Norfolk	1900
1864	Alert	W. S.	10	180	837	Portsmouth	.....	Never completed	....
1864	Algoma	W. S.	12	280	1,380	Philadelphia	.....	Broken up in	1874
1864	Antietam	W. S.	25	420	3,177	Philadelphia	.....	Authorized but never completed	....
1864	Arapahoe	W. S.	13	240	2,348	.....	.....	Authorized but never built	....
1864	Confiance	W. S.	12	240	1,380	.....	.....	Authorized but never built	....
1864	Contoocook	W. S.	12	240	2,348	Portsmouth (See Piscataqua.)	560,000	Name changed to Albany, 1869; sold	1872
1864	Delaware								
1864	Detroit	W. S.	12	240	1,380	New York	.....	Never completed	....
1864	Dictator	I. M.	2	60	3,033	New York	1,125,000	Condemned in	1882
1864	Dunderburg	I. S.	10	320	5,090	New York	1,125,000	Sold in	1867
1864	Epervier	W. S.	10	180	1,831	Portsmouth	.....	Never completed	....
1864	Guerriere	W. S.	25	480	3,177	Boston	689,000	Sold in	1872
1864	Hassalo	W. S.	13	280	3,365	.....	.....	Authorized but never completed	....
1864	Idaho	W. S.	8	240	3,281	New York	623,000	Condemned in	1879
1864	Illinois	W. S.	25	480	3,177	Portsmouth	.....	Never completed	....
1864	Java	W. S.	25	480	3,177	New York	.....	Never completed	....
1864	Kalamazoo	I. MDT.	4	120	3,200	New York	.....	Name changed to Colossus in 1869; never completed	....
1864	Kansas	W. S.	8	160	593	New York	†73,000	Condemned in	1880
1864	Keosauqua	W. S.	13	220	2,348	.....	.....	Authorized but never built	....
1864	Kewaydin	W. S.	25	480	3,177	Boston	680,000	Name changed to Pennsylvania in 1869; sold in	1874
1864	Manitou	W. S.	13	240	2,348	Boston	542,000	Name changed to Worcester in	1869
1864	Maumee	W. S.	4	120	593	New York	†73,500	Sold in	1869
1864	Meredosia	W. S.	12	220	1,380	New York	.....	Authorized but never built	....
1864	Miantonomoh‡	I. MDT.	4	120	*1,564	New York	.....	Rebuilt in 1874; League Island	1900
1864	Minnetonka	W. S.	25	480	3,177	Portsmouth	692,000	Name changed to California in 1869; sold in	1875
1864	Monadnock ‡	I. MDT.	4	120	*1,564	Boston	†128,000	Rebuilt in 1875; at Manila	1900
1864	Mondamin	W. S.	13	280	2,348	.....	.....	Authorized but never built	....
1864	Mosholu	W. S.	13	280	2,348	New York	.....	Name changed to Severn, 1869; sold	1877
1864	Nantasket	W. S.	10	180	900	Boston	180,000	Sold in	1879
1864	Nipsic	W. S.	4	140	*593	Portsmouth	88,000	Puget Sound	1900
1864	Nyack	W. S.	3	120	593	New York	†92,000	Condemned in	1883
1864	Ontario	W. S.	25	480	3,177	New York	.....	Name changed to New York in 1869; never completed	....
1864	Passaconaway	I. MDT.	4	120	3,200	Portsmouth	.....	Name changed to Massachusetts in 1869; never completed	....
1864	Peacock	W. S.	12	240	1,380	.....	.....	Authorized but never built	....
1864	Pequot	W. S.	4	110	593	Boston	†88,000	Condemned in	1875
1864	Piscataqua	W. S.	25	480	3,177	Portsmouth	718,000	Name changed to Delaware in 1869; sold in	1878
1864	Puritan‡	I. MDT.	4	120	*3,265	New York	.....	Rebuilt in 1874; Norfolk	1900
1864	Pushmataha	W. S.	13	260	2,348	Philadelphia	684,000	Name changed to Congress in	1869
1864	Quinnebaugh	W. S.	10	160	831	New York	216,000	Condemned in	1890
1864	Quinsigamond	I. MDT.	4	120	3,200	Boston	680,000	Name changed to Oregon in 1869; broken up in	1882
1864	Resaca	W. S.	10	160	900	Washington	212,000	Condemned in	1875
1864	Saco	W. S.	3	120	593	Boston	†75,000	Condemned in	1880
1864	Serapis	W. S.	12	360	1,380	.....	.....	Authorized but never built	....
1864	Shackamaxon	I. MDT.	4	120	3,200	Philadelphia	.....	Name changed to Nebraska in 1869; broken up in	1875
1864	Shawmut	W. S.	3	120	593	Portsmouth	†92,000	Condemned in	1882
1864	Taghkanic	W. S.	12	240	2,348	.....	.....	Authorized but never built	....
1864	Tahgayuta	W. S.	13	240	2,348	.....	.....	Authorized but never built	....
1864	Talladega	W. S.	12	240	1,380	.....	.....	Authorized but never built	....
1864	Terror					(SeeAgamenticus)			
1864	Tonawanda‡	I. MDT.	4	120	1,564	Philadelphia	†130,000	Name changed to Amphitrite in 1869; rebuilt in 1874; special service	1900
1864	Wanaloset	W. S.	13	240	2,348	.....		Authorized but never built	....
1864	Watauga	W. S.	13	240	3,365	.....	.....	Authorized but never built	....
1864	Willamette	W. S.	13	240	2,348	.....	.....	Authorized but never built	....
1864	Yantic	W. S.	4	130	900	Philadelphia	†68,500	Laid up	1900
1865	Franklin	W. S.	52	560	5,170	Portsmouth	960,000	Receiving ship at Norfolk	1900
1867	Alaska	W. S.	10	220	1,740	Boston	420,000	Condemned in	1881
1867	Kenosha	W. S.	10	220	1,740	New York	418,000	Name changed to Plymouth in 1869; condemned in	1887
1867	Omaha	W. S.	10	220	2,400	Philadelphia	518,000	Marine Hospital	1900

Built or Projected.	Name.	Material and Propulsion.	Guns.	Crew.	Total.	Where Built.	Cost.	Remarks.	Date.
1872	Swatara	W. S.	6	180	1,900	New York	$412,000	Condemned in	1897
1874	Alarm	Ram.	..	50	800	New York	182,000	Sold in	1875
1875	Alert	I. S.	7	150	1,020	Chester	284,000	Mare Island	1900
1875	Marion	W. S.	8	220	1,900	Kittery	392,000	Marine School, Boston	1900
1875	Trenton	W. S.	11	250	2,300	New York	480,000	Wrecked at Apia	1892
1876	Adams	W. S	6	160	1,375	Boston	340,000	Training ship	1900
1876	Alliance	W. S.	6	160	1,375	Norfolk	355,000	Training ship	1900
1876	Enterprise	W. S.	4	140	1,375	Kittery	360,000	Marine School, Boston	1900
1876	Essex	W. S.	6	140	1,375	Kittery	360,000	Training ship	1900
1876	Ranger	I. S.	6	140	1,020	Wilmington	278,000	Mare Island	1900
1879	Nipsic	W. S.	4	140	1,375	Washington	.....	Puget Sound	1900
1879	Thetis	W. S.	6	140	1,250	....	....	Purchased in Scotland; Mare Island.	1900

*Old tonnage. †Price of machinery; hull built by the Government. ‡An appropriation of $3,178,046 was made in 1873 to rebuild the Agamenticus (Terror), Puritan, Miantonomoh, Tonawanda (Amphitrite), and Monadnock. Their present tonnage is 3,990, excepting the Terror and Puritan, which are 6,060 tons.

THE NEW NAVY.

On the close of the civil war most of the vessels which the Government had under construction were left unfinished. A few were completed and were commissioned after the war. A large number were sold or broken up, and it was not until 1883 that the first ships of our present navy were begun. The first was the Dolphin, which was soon followed by the Chicago, Boston, and Atlanta. From the initial letters of these new ships they came to be known as the "A, B, C, D" of the new navy.

ABBREVIATIONS: W., Wood; I., Iron; St., Steel; C., Composite Gunboat; S., Screw; TS., Twin Screws; Tr. S., Triple Screws; MDT., Double Turret Monitor; TT., Torpedo Tubes; M. B., Main Battery.

Keel Laid.	Name.	Material and Propulsion.	Guns. M. B.	Crew.	Tons.	Where Built.	Cost.	Main Battery.	Date.
1883	Atlanta	St. S.	8	284	3,000	Chester	$617,000	2 8 in., 6 6 in	1900
1883	Boston	St. S.	8	284	3,035	Chester	619,000	2 8 in., 6 6 in	1900
1883	Chicago	St. TS.	14	409	5,000	Chester	889,000	4 8 in., 8 6 in., 2 5 in	1900
1883	Dolphin	St. S.	3	115	1,486	Chester	315,000	3 4 in	1900
1887	Baltimore	St. TS.	10	386	4,500	San Francisco	1,325,000	4 8 in., 6 6 in	1900
1887	Charleston	St. TS.	8	300	4,040	San Francisco	1,017,000	2 8 in., 6 6 in	1900
1887	Newark	St. TS.	12	387	4,098	Philadelphia	1,248,000	12 6 in	1900
1887	Petrel	St. S.	4	132	892	Baltimore	247,000	4 6 in	1900
1887	Vesuvius	St. TS.	3	70	929	Philadelphia	350,000	3 15 in. dynamite guns	1900
1887	Yorktown	St. TS.	6	200	1,710	Chester	455,000	6 6 in	1900
1888	Bennington	St. TS.	6	197	1,700	Chester	490,000	6 6 in	1900
1888	Concord	St. TS.	6	193	1,700	Chester	490,000	6 6 in	1900
1888	Maine	St. TS.	10	362	6,648	Brooklyn	2,500,000	4 10 in., 6 6 in.; blown up in Havana	1898
1888	Philadelphia	St. TS.	12	384	4,410	Philadelphia	1,350,000	12 6 in	1900
1888	San Francisco	St. TS.	12	388	4,098	San Francisco	1,428,000	12 6 in	1900
1888	Stiletto	W S.	3 TT.	15	318	Bristol	25,000	3 torpedo tubes	1900
1889	Cushing	St. TS.	3 TT.	25	105	Bristol	82,750	3 torpedo tubes	1900
1889	Raleigh	St. TS.	11	312	3,213	Norfolk	1,100,000	1 6 in., 10 5 in	1900
1889	Texas	St. TS.	8	362	6,315	Norfolk	2,500,000	2 12 in., 6 6 in	1900
1890	Cincinnati	St. TS.	11	312	3,213	Brooklyn	1,100,000	1 6 in., 10 5 in	1900
1890	Columbia	St. Tr.S.	11	469	7,375	Philadelphia	2,725,000	1 8 in., 2 6 in., 8 4 in	1900
1890	Detroit	St. TS.	10	277	2,089	Baltimore	612,500	2 6 in., 8 5 in	1900
1890	Marblehead	St. TS.	10	274	2,089	Boston	674,000	2 6 in., 8 5 in	1900
1890	Montgomery	St. TS.	10	274	2,089	Baltimore	612,500	2 6 in., 8 5 in	1900
1890	New York	St. TS.	18	566	8,200	Philadelphia	2,985,000	6 8 in., 12 4 in	1900
1890	Olympia	St. TS.	14	429	5,870	San Francisco	1,796,000	4 8 in., 10 5 in	1900
1891	Bancroft	St. TS.	4	130	839	New Jersey	250,000	4 4 in	1900
1891	Buffalo	St. S.	6	250	6,000	.....	575,000	6 6 in	1900
1891	Castine	St. TS.	8	153	1,777	Bath	318,000	8 4 in	1900
1891	Indiana	St. TS.	16	465	10,810	Philadelphia	3,063,000	4 13 in., 8 8 in., 4 6 in	1900
1891	Katahdin	St. TS.	4	121	2,155	Bath	930,000	4 6 pounders	1900
1891	Machias	St. TS.	8	153	1,777	Bath	318,500	8 4 in	1900
1891	Massachusetts	St. TS.	16	450	10,810	Philadelphia	3,063,000	4 13 in., 8 8 in., 6 6 in	1900
1891	Minneapolis	St. Tr.S.	11	496	7,375	Philadelphia	2,690,000	1 8 in., 2 6 in., 8 4 in	1900
1891	Oregon	St. TS.	16	460	11,000	San Francisco	3,222,810	4 13 in., 8 8 in., 4 6 in	1900
1892	Ericsson	St. TS.	3	23	120	Dubuque	113,500	3 torpedo tubes	1900
1892	Topeka	I. S.	6	260	1,814	England	170,327	6 4 in	1900
1893	Brooklyn	St. TS.	20	541	9,215	Philadelphia	2,986,000	8 8 in., 12 5 in	1900
1893	Iowa	St. TS.	18	484	11,340	Philadelphia	3,010,000	4 12 in., 8 8 in., 6 4 in	1900
1894	Helena	St. TS.	8	133	1,397	Newport News	280,000	8 4 in	1900
1894	Nashville	St. TS.	8	133	1,371	Newport News	280,000	8 4 in	1900
1894	Wilmington	St. TS.	8	133	1,397	Newport News	280,000	8 4 in	1900
1896	Alabama	St. TS.	18	583	11,565	Philadelphia	2,650,000	4 13 in., 14 6 in	1900
1896	Albany	St. S.	6	285	3,437	England	Purchased.	6 6 in	1900
1896	Annapolis	C. S.	6	115	1,000	Elizabethport	227,700	6 4 in	1900
1896	Du Pont	St. TS.	3	30	165	Bristol	147,000	3 torpedo tubes	1900
1896	Foote	St. TS.	3	25	142	Baltimore	97,000	3 torpedo tubes	1900
1896	Illinois	St. TS.	18	585	11,565	Newport News	2,595,000	Now building	1900
1896	Kearsarge	St. TS.	22	520	11,525	Newport News	2,250,000	Now building	1900
1896	Kentucky	St. TS.	22	520	11,525	Newport News	2,250,000	Now building	1900
1896	Marietta	C. S.	6	115	1,000	San Francisco	223,000	6 4 in	1900
1896	New Orleans	St. S.	6	320	3,437	England	Purchased.	6 6 in	1900
1896	Newport	C. S.	6	115	1,000	Bath	229,400	6 4 in	1900

UNITED STATES WARSHIPS, 1775-1900—*Continued.*

Keel Laid.	Name.	Material and Propulsion.	Guns. M.B.	Crew.	Tons.	Where Built.	Cost.	Main Battery.	Date.
1896	Plunger	St. TS.	2	30	168	Baltimore	$150,000	2 torpedo tubes	1900
1896	Porter	St. TS.	3	30	165	Bristol	147,000	3 torpedo tubes	1900
1896	Princeton	C. S.	6	115	1,100	Camden, N. J.	230,000	6 4 in.	1900
1896	Rodgers	St. TS.	3	25	142	Baltimore	97,500	3 torpedo tubes	1900
1896	Rowan	St. TS.	3	30	182	Seattle, Wash.	160,000	3 torpedo tubes	1900
1896	Vicksburg	C. S.	6	115	1,000	Bath	230,000	6 4 in.	1900
1896	Wheeling	C. S.	6	115	1,000	San Francisco	219,000	6 4 in.	1900
1896	Winslow	St. TS.	3	25	142	Baltimore	97,500	3 torpedo tubes	1900
1896	Wisconsin	St. TS.	18	585	11,565	San Francisco	2,674,950	Now building	1900
1897	Bailey	St. TS.	2	25	235	Morris Heights	210,000	2 torpedo tubes	1900
1897	Dahlgren	St. TS.	2	25	146	Bath	194,000	2 torpedo tubes	1900
1897	Davis	St. TS.	3	25	154	Portland, Ore.	81,546	3 torpedo tubes	1900
1897	Farragut	St. TS.	2	25	279	San Francisco	227,500	2 torpedo tubes	1900
1897	Fox	St. TS.	3	25	154	Portland, Ore.	85,000	3 torpedo tubes	1900
1897	Goldsborough	St. TS.	2	25	247	Portland, Ore.	214,500	2 torpedo tubes	1900
1897	Gwin	St. S.	2	25	46	Bristol	39,000	2 torpedo tubes	1900
1897	MacKenzie	St. S.	2	25	55	Philadelphia	48,500	2 torpedo tubes	1900
1897	Manly	St. S.	1	20	79	England	21,250	1 torpedo tube	1900
1897	McKee	St. S.	2	25	65	Baltimore	45,000	2 torpedo tubes	1900
1897	Morris	St. TS.	3	25	103	Bristol	89,000	3 torpedo tubes	1900
1897	Somers	St. S.	3	20	145	Germany	72,997	3 torpedo tubes	1900
1897	Stringham	St. TS.	2	25	540	Wilmington	236,000	2 torpedo tubes	1900
1897	Talbot	St. S.	2	25	46	Bristol	39,000	2 torpedo tubes	1900
1897	T. A. M. Craven	St. TS.	2	25	146	Bath	194,000	2 torpedo tubes	1900
1898	Arkansas	St. MDT. TS.	6	120	3,235	Newport News	960,000	12 per cent finished	1900
1898	Bagley	St. TS.	3 TT.	50	167	Bath	161,000	Fitting out	1900
1898	Bainbridge	St. TS.	2 TT.	35	420	Philadelphia	283,000	Nearly finished	1900
1898	Barney	St. TS.	3 TT.	35	167	Bath	161,000	Building	1900
1898	Barry	St. TS.	2 TT.	35	420	Philadelphia	283,000	Building	1900
1898	Biddle	St. TS.	3 TT.	35	167	Bath	161,000	Building	1900
1898	Blakeley	St. TS.	3 TT.	50	165	Boston	159,000	Building	1900
1898	Chauncey	St. TS.	2 TT.	35	420	Philadelphia	283,000	Building	1900
1898	Chesapeake	C. Sail.	6	160	1,175	Bath	112,600	Practice ship	1900
1898	Connecticut	St. MDT. TS.	6	130	3,235	Newport News	962,000	28 per cent finished	1900
1898	Dale	St. TS.	2 TT.	35	420	Richmond, Va.	260,000	Building	1900
1898	Decatur	St. TS.	2 TT.	50	420	Richmond, Va.	260,000	Building	1900
1898	De Long	St. TS.	3 TT.	50	165	Boston	159,400	Building	1900
1898	Florida	St. MDT. TS.	6	160	3,225	Elizabethp't, N.J.	925,000	42 per cent finished	1900
1898	Hopkins	St. TS.	2 TT.	35	408	Wilmington, Del.	291,000	Building	1900
1898	Hull	St. TS.	2 TT.	35	408	Wilmington, Del.	291,000	Building	1900
1898	Lawrence	St. TS.	2 TT.	35	400	Weymouth, Mass.	281,000	Building	1900
1898	Macdonough	St. TS.	2 TT.	35	400	Weymouth, Mass.	281,000	Building	1900
1898	Maine (2)	St. TS.	20	480	12,300	Philadelphia	2,885,000	Building	1900
1898	Missouri	St. TS.	20	480	12,230	Newport News	2,885,000	Building	1900
1898	Nicholson	St. TS.	3 TT.	35	174	Elizabethp't, N.J.	165,000	Building	1900
1898	O'Brien	St. TS.	3 TT.	35	174	Elizabethp't, N.J.	165,000	Building	1900
1898	Ohio	St. TS.	20	480	12,440	San Francisco	2,899,000	Building	1900
1898	Paul Jones	St. TS.	2 TT.	35	420	San Francisco	285,000	Building	1900
1898	Perry	St. TS.	2 TT.	35	420	San Francisco	285,000	Building	1900
1898	Preble	St. TS.	2 TT.	35	420	San Francisco	285,000	Building	1900
1898	Shubrick	St. TS.	3 TT.	35	165	Richmond, Va.	129,750	Building	1900
1898	Stewart	St. TS.	2 TT.	35	420	Morris Heights	282,000	Building	1900
1898	Stockton	St. TS.	3 TT.	35	165	Richmond, Va.	129,750	Building	1900
1898	Thornton	St. TS.	3 TT.	35	165	Richmond, Va.	129,750	Building	1900
1898	Tingey	St. TS.	3 TT.	35	165	Baltimore	168,000	Building	1900
1898	Truxtun	St. TS.	2 TT.	35	433	Sparrow P'nt, Md.	286,000	Building	1900
1898	Whipple	St. TS.	2 TT.	35	433	Sparrow P'nt, Md.	286,000	Building	1900
1898	Wilkes	St. TS.	3 TT.	35	165	Morris Heights	146,000	Building	1900
1898	Worden	St. TS.	2 TT.	35	433	Sparrow P'nt, Md.	286,000	Building	1900
1898	Wyoming	St. TS.	6	160	3,235	San Francisco	975,000	Building	1900

On April 7, 1899, the President named the twelve new warships authorized by Congress to be built, as follows: Battle-ships, Pennsylvania, New Jersey, and Georgia; armored cruisers, West Virginia, Nebraska, and California; cruisers, Denver, Des Moines, Chattanooga, Galveston, Tacoma, and Cleveland.

The battle-ships Pennsylvania, New Jersey, and Georgia are described in the act authorizing them as follows: "Three sea-going coast-line battle-ships, carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of about 13,500 tons, to be sheathed and coppered, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding $3,600,000 each."

The armored cruisers are similarly described, except that they are to cost $4,000,000 each and are to have a displacement of 12,000 tons,

The cruisers are described as "protected cruisers of about 2,500 tons trial displacement, to be sheathed and coppered, and to have the highest speed compatible with good cruising qualities, great radius of action, and to carry the most powerful ordnance suited to vessels of their class, and to cost, exclusive of armament, not exceeding $1,141,800 each."

Relative Rank of Officers

IN THE UNITED STATES ARMY AND NAVY.

Generals rank with Admirals.
Lieutenant-Generals rank with Vice-Admirals.
Major-Generals rank with Rear-Admirals.
Brigadier-Generals rank with Commodores.
Colonels rank with Captains.
Lieutenant-Colonels rank with Commanders.
Majors rank with Lieutenant-Commanders.
Captains rank with Lieutenants.
Lieutenants rank with Ensigns.

Statistics of the Countries of the World.

Countries.	Population.	Sq. Miles.	Capitals.
China	402,680,000	4,218,401	Peking.
British Empire*	385,280,140	11,712,170	London.
Russian Empire	128,932,173	8,660,395	St. Petersburg
United States	†78,000,000	3,602,990	Washington.
United States and Colonies	† 87,000,000	3,756,884	Washington.
Philippines	8,000,000	143,000	Manila.
Porto Rico	900,000	3,600	San Juan.
Hawaii	109,029	6,740	Honolulu.
Tutuila, Samoa	9,000	500	.....
Guam	4,000	54	.....
France and Colonies	63,166,967	3,357,856	Paris.
France	38,517,975	204,177	Paris.
Colonies	21,448,064	2,923,679	.....
Algeria	3,870,000	260,000	Algiers.
Senegal, etc	183,237	580,000	St. Louis.
Tunis	1,500,000	45,000	Tunis.
Cayenne	26,502	46,697	Cayenne.
Cambodia	1,500,000	32,254	Saigon.
Cochin-China	1,223,000	13,692	.....
Tonquin	12,000,000	60,000	Hanoi.
New Caledonia	62,752	7,624	Noumea.
Tahiti	12,800	462	.....
Sahara	1,100,000	1,550,000	.....
Madagascar	3,500,000	230,000	Antananarivo
German Empire	52,279,901	211,108	Berlin.
Prussia	31,855,123	134,467	Berlin.
Bavaria	5,589,382	29,291	Munich.
Saxony	3,500,513	5,789	Dresden.
Wurtemberg	2,035,443	7,531	Stuttgart.
Baden	1,656,817	5,503	Karlsruhe.
Alsace-Lorraine	1,603,987	5,602	Strasburg.
Hesse	956,170	2,965	Darmstadt.
Mecklenburg-Schwerin	575,140	5,137	Schwerin.
Hamburg	622,530	158	.....
Brunswick	372,580	1,425	Brunswick.
Oldenburg	341,250	2,479	Oldenburg.
Saxe-Weimar	313,668	1,387	Weimar.
Anhalt	247,603	906	Dessau.
Saxe-Meiningen	214,697	953	Meiningen.
Saxe-Coburg-Gotha	198,717	760	Gotha.
Bremen	180,443	99	.....
Saxe-Altenburg	161,121	511	Altenburg.
Lippe	123,250	472	Detmold.
Reuss (Younger line)	112,118	319	Gera.
Mecklenburg-Strelitz	98,371	1,131	Neu Strelitz.
Schwarzburg-Rudolstadt	83,939	363	Rudolstadt.
Schwarzburg-Sond's's'n.	73,623	333	S'ndershausen
Lubeck	76,485	115	.....
Waldeck	56,565	433	Arolsen.
Reuss (Elder line)	53,787	122	Greiz.
Schaumburg-Lippe	37,204	131	Buckeburg.
German Africa	5,950,000	322,000	.....
Austro-Hungarian Empire.	41,827,700	201,591	Vienna.
Japan	41,089,940	147,669	Tokio.
Netherlands	4,450,870	12,680	The Hague.
Netherlands and Colonies	33,042,238	778,187	The Hague.
Borneo	1,073,500	203,714	.....
Celebes	2,000,000	72,000	.....
Java	21,974,161	50,818	Batavia.
Moluccas	353,000	42,420	Amboyna.
New Guinea	200,000	150,755	.....
Sumatra	2,750,000	170,744	.....
Surinam	57,141	46,060	Paramaribo.

Countries.	Population.	Sq. Miles.	Capitals.
Turkish Empire	33,559,787	1,652,533	Constantin'ple
European Turkey	4,790,000	63,850	.....
Asiatic Turkey	16,133,900	729,170	.....
Tripoli	1,000,000	398,873	Tripoli
Bulgaria	3,154,375	37,860	Sofia
Egypt	9,700,000	400,000	Cairo.
Italy	29,699,785	110,665	Rome
Italy and Colonies	34,970,785	425,765	Rome
Abyssinia	4,500,000	189,000	.....
Eritrea	660,000	56,100	.....
Somal Coast	910,000	70,000	.....
Spain	17,550,216	196,173	Madrid.
Spanish Africa	437,000	203,767	.....
Spanish Islands	127,172	1,957	.....
Brazil	18,000,000	3,219,000	Rio Janeiro.
Mexico	12,578,861	767,316	City of Mexico
Korea	10,519,000	85,000	Seoul.
Congo State	8,000,000	802,000	.....
Persia	7,653,600	636,000	Teheran.
Portugal	4,708,178	34,038	Lisbon
Portugal and Colonies	11,073,681	961,785	Lisbon.
Portuguese Africa	5,416,000	841,025	.....
Portuguese Asia	847,503	7,923	.....
Sweden and Norway	6,785,898	297,321	.....
Sweden	4,784,981	172,876	Stockholm.
Norway	2,000,917	124,445	Kristiania.
Morocco	6,500,000	314,000	Fez
Belgium	6,030,043	11,373	Brussels.
Siam	5,700,000	280,550	Bangkok.
Roumania	5,376,000	46,314	Bucharest.
Argentine Republic	4,042,990	1,095,013	Buenos Ayres.
Colombia	4,600,000	331,420	Bogota.
Afghanistan	4,000,000	279,000	Cabul.
Chile	3,500,000	256,860	Santiago.
Peru	3,000,040	405,040	Lima.
Switzerland	2,933,334	15,981	Berne.
Bolivia	2,500,000	472,000	La Paz.
Greece	2,433,806	24,977	Athens.
Denmark	2,172,205	14,780	Copenhagen.
Denmark and Colonies.	2,288,193	101,303	Copenhagen.
Iceland	72,445	39,756	Rejkjavik.
Greenland	9,780	46,740	Godthaab.
West Indies	33,763	118	.....
Venezuela	2,444,816	566,159	Caracas.
Servia	2,096,643	18,757	Belgrade
Nepaul	2,000,000	56,800	Khatmandu.
Cuba	1,600,000	41,655	Havana.
Oman	1,600,000	81,000	Muscat.
Guatemala	1,535,632	46,774	N Guatemala.
Ecuador	1,300,000	144,000	Quito.
Liberia	1,050,000	14,000	Monrovia.
Hayti	1,211,625	29,830	Portau Prince
Transvaal	1,094,156	119,139	Pretoria.
Salvador	800,500	7,228	San Salvador
Uruguay	840,725	72,112	Montevideo.
Khiva	700,000	22,320	Khiva.
Paraguay	600,000	145,000	Asuncion.
Honduras	420,000	42,658	Tegucigalpa.
Nicaragua	420,000	51,660	Managua.
Dominican Republic	600,000	20,596	San Domingo
Montenegro	245,380	3,486	Cettinje.
Costa Rica	309,683	19,985	San Jose.
Orange Free State	207,503	48,326	Bloemfontein.

* These estimates of the population and area of the British Empire include the recently acquired great possessions in Africa. For statistics in detail see tabular page entitled "The British Empire." † Estimated for January 1, 1900.

Civil Lists of European Sovereigns.

Austria-Hungary, Emperor of, $3,875,000.
Bavaria, King of, $1,412,000.
Belgium, King of, $660,000.
Denmark, King of, $227,775; and Crown Prince, $33,330.
Greece, King of, $260,000, including $20,000 a year each from Great Britain, France, and Russia.
Italy, King of, $2,858,000, of which $180,000 for family.
Netherlands, King of, $250,000, also a large revenue from domains, and $62,500 for royal family, courts, and palaces.
Norway and Sweden, King of, $575,525.
Portugal, King of, $634,440.
Prussia, King of, $3,852,770; also a vast amount of private property, castles, forests, and estates, out of which the court expenditure and royal family are paid.
Roumania, King of, $237,000.
Russia, Czar of, has private estates of more than 1,000,000 square miles of cultivated land and forests, besides gold and other mines in Siberia. The annual income has been estimated at about $12,000,000.
Saxony, King of, $735,000.
Servia, King of, $240,000.
Spain, King of, $1,400,000, besides $600,000 for family.
Würtemberg, King of, $449,050.—*Barker's Facts.*

Ministries of Principal European Countries.

DECEMBER 1, 1899.

AUSTRIA-HUNGARY.

EMPIRE.

Minister Foreign Affairs—Count Goluchowski.
Minister Finance—B. Benjamin von Kállay
Minister War—Baron Edler von Krieghammer.

AUSTRIA.

Premier and Minister Agriculture—Count Clary-Aldringen.
Minister Defences—Count Welsersheimb.
Minister Railways—Dr. von Wittek
Minister Public Instruction—Dr. von Hartel.
Minister Finance—Herr von Kniazolucki.
Minister Interior—Dr. von Körber.
Minister Justice—Dr von Stibral.
Minister for Galicia—Dr. Kindinger.

HUNGARY.

Premier and Minister Interior—Koloman von Szell.
Minister Defences—Baron Géza Féjerváry
Minister Commerce—Alexander von Hegedüs.
Minister Education and Worship—Dr. J. Wlassitch.
Minister Finance—Ladislas Lukacs.
Minister Agriculture—Ignatius Daranyi.
Minister Justice—Dr. Plosz.
Minister for Croatia—Erwin Cseh.
Minister at Court of Vienna—Count Emmanuel Szechényi.

FRANCE.

President and Minister Interior—Waldeck Rousseau.
Minister Foreign Affairs—M. Delcassé.
Minister Agriculture—M. Viguier.
Minister Finance—M. Caillaux.
Minister Colonies—M. Decrais.
Minister Commerce—M. Millerand.
Minister Marine—M. de Lanessan.
Minister War—Gen. de Galliffet.
Minister Public Works—M. Baudin.
Minister Justice and Worship—M. Monis.
Minister Instruction and Arts—M. Leygues.
Minister Posts and Telegraphs—M. Mougeot.

GERMANY.

Chancellor of the Empire—Prince Clovis von Hohenlohe-Schillingsfürst.
Minister Foreign Affairs—Count von Bülow.
Minister Interior—Count von Posadowski-Wehner.
Minister Marine—Admiral Tirpitz.
Minister Justice—Dr Nieberding.
Minister Finance—Baron von Thielmann.
Minister Post-Office—General von Podbielski.
Minister Railroads—Dr. von Thielen.

ITALY.

President and Minister Interior—General Luigi Pelloux.
Minister Foreign Affairs—Marquis Visconti Venosta.
Minister Justice—Signor Bonasi.
Minister War—General Mirri.
Minister Marine—Vice-Admiral Bettolo.
Minister Instruction—Signor Baccelli.
Minister of Finance—Signor Carmine.
Minister Treasury—Signor Boselli.
Minister Agriculture—Signor Salandra.
Minister Public Works—Signor Lacava
Minister Posts and Telegraphs—Signor Di San Giuliano.

RUSSIA.

President of the Council—M. Dournovo.
Minister Foreign Affairs—Count Muravieff.
Minister Finance—M de Witte.
Minister Interior—M. Zipyegin.
Minister Instruction—M Bogolepoff.
Minister Imperial Household—Baron Frederiks.
Minister Imperial Domains and Agriculture—M. Yermoloff.
Minister War—Lieutenant-General Kouropatkin.
Minister Marine—Vice-Admiral Tirtoff.
Minister Justice—M Muravieff
Minister Public Works—Prince Khilkoff.

NETHERLANDS.

President and Minister Foreign Affairs—M. W. H. de Beaufort.
Minister Interior—M. H. Goeman Borgesius.
Minister Colonies—M J. T Cremer.
Minister Justice—M. P. W. A. Cort van der Linden.
Minister War—M. K. Eland.
Minister Finance—M. N. G. Pierson.
Minister Marine—M. J. J. A. Röell.
Minister Commerce—M. C. Lely.

BELGIUM.

Premier, Finance, and Public Works—M. De Smet De Naeyer.
Minister Foreign Affairs—Paul de Favereau.
Minister Interior and Public Instruction—M. de Trooy.
Minister Agriculture—M. van der Bruggen.
Minister Justice—M. van den Heuvel.
Minister Railways, Industry, and Labor—M. Liebart.
Minister War—General d'Alkemade.

SPAIN.

President of Council and Minister Foreign Affairs—Señor Silvela.
Minister War—General Azcarraga.
Minister Marine—Admiral Gomez Imaz.
Minister Interior—Señor Dato.
Minister Finance—Señor Villaverde.
Minister Public Works—Marquis Pidel.
Minister Justice—Count Torreanaz.

SWEDEN AND NORWAY.

SWEDEN.

Prime Minister—E. G. Boström.
Minister Foreign Affairs—F. Crusebjörn.
Minister Justice—P. S. L. Annerstedt.
Minister War—
Minister Marine—G. Dyrssen.
Minister Interior—T. E. von Krusenstjerna.
Minister Finance—Count H. H. Wachtmeister.
Minister Instruction—N. L. A. Claëson.

NORWAY.

President of Council and Minister of Justice—J. W. O. Steen.
Minister War—Colonel P. T. Holet.
Minister Interior—G. A. Thilesen.
Minister Justice—O. A. Zoam.
Minister Finance and Customs—E. Sunde.
Minister Public Works—J. G. Lövland.
Minister Religion and Instruction—V. A. Wexelsen.

TURKEY.

Grand Vizier—Khalil Rifaat Pacha.
Minister Foreign Affairs—Tewfik Pacha.
Minister Interior—Memdouh Pacha.
Minister Finance—Reshad Bey.
Minister Justice—Abdurrahman Pacha.
Minister War—Riza Pacha.
Minister Instruction—Zuhdi Pacha.
Minister Marine—Hassan Pacha.
Minister Public Works—Zihni Pacha.
Minister Worship—Ghalib Pacha.

DECEMBER 1, 1899.

Country.	Official Head.	Title.	Born.	Acceded.
Abyssinia	Menelik II	Emperor	1843	March 12, 1889
Afghanistan	Abdur Rahman Khan	Ameer	1845	July 22, 1880
Annam	Thanh Thai	King	1879	Jan. 30, 1889
Argentine Republic	Julio A. Roca	President	....	Oct. 12, 1898
Austria-Hungary	Francis Joseph	Emperor	Aug. 18, 1830	Dec. 2, 1848
Baluchistan	Mir Mahmud	Khan	....	August, 1893
Belgium	Leopold II	King	April 9, 1835	Dec. 10, 1865
Bokhara	Seid Abdul Ahad	Ameer	1864	Nov. 12, 1885
Bolivia	General Pando	President	....	Oct. 24, 1899
Borneo	Hasim Jalilal Alam Akamaldin	Sultan	....	May, 1885
Brazil	Señor Campos Salles	President	....	Oct., 1898
Bulgaria	Ferdinand	Prince	Feb. 26, 1861	Aug. 11, 1887
Chile	Frederico Errázuriz	President	....	Sept. 18, 1896
China	Kuang Hsü (Dowager Empress rules)	Emperor	Aug. 2, 1872	Jan. 12, 1875
Colombia	M. A. Sanclemente	President	Oct. 28, 1814	Aug. 6, 1898
Congo Free State	Leopold (King of the Belgians)	Sovereign	April 9, 1835	April 30, 1885
Costa Rica	Rafael Iglesias	President	1864	May 8, 1898
Dahomey	Guthili	King	....	Jan. 15, 1894
Denmark	Christian IX	King	April 8, 1818	Nov. 15, 1863
Dominican Republic	Juan Isidro Jimines	President	....	Nov. 11, 1899
Ecuador	General Eloy Alfaro	President	....	Sept., 1895
Egypt	Abbas Pacha	Khédive	July 14, 1874	Jan. 7, 1892
France	Emile Loubet	President	Dec. 31, 1838	Feb. 18, 1899
Germany	William II	Emperor	Jan. 27, 1859	June 15, 1888
Prussia	William II	King		
Bavaria	Otto	King	April 27, 1848	June 13, 1886
Saxony	Albert	King	April 23, 1828	Oct. 29, 1873
Würtemberg	William II	King	Feb. 25, 1848	Oct. 6, 1891
Baden	Frederick	Grand Duke	Sept. 9, 1826	Sept. 5, 1856
Hesse	Ernst Louis V	Grand Duke	Nov. 25, 1868	March 13, 1892
Lippe-Detmold	Alexander (A Regency)	Prince	Jan. 16, 1831	March 20, 1895
Anhalt	Frederick	Duke	April 29, 1831	May 22, 1871
Brunswick	Prince Albrecht	Regent	May 8, 1837	Oct. 21, 1885
Mecklenburg-Schwerin	Frederick Francis IV. (A Regency)	Grand Duke	April 9, 1882	April 10, 1897
Mecklenburg-Strelitz	Frederick William	Grand Duke	Oct. 17, 1819	Sept. 6, 1860
Oldenburg	Peter	Grand Duke	July 8, 1827	Feb. 27, 1853
Saxe-Altenburg	Ernest	Duke	Sept. 16, 1826	Aug. 3, 1853
Saxe-Coburg and Gotha	Alfred (Duke of Edinburgh)	Duke	Aug. 6, 1844	Aug. 22, 1893
Saxe-Meiningen	George II	Duke	April 2, 1826	Sept. 20, 1866
Saxe-Weimar	Karl Alexander	Grand Duke	June 24, 1818	July 8, 1853
Waldeck-Pyrmont	Frederick	Prince	Jan. 20, 1865	May 12, 1893
Great Britain and Ireland	Victoria	Queen	May 24, 1819	June 20, 1837
Greece	George	King	Dec. 24, 1845	Oct. 31, 1863
Guatemala	Manuel Estrado Cabrera	President	Dec. 24, 1856	Sept. 25, 1898
Hayti	General Tiréslas Simon Sam	President	May 15, 1835	March 31, 1896
Honduras	Terencio Sierra	President	....	Feb., 1899
India, Empire of	Victoria	Empress	May 24, 1819	Jan. 1, 1877
Italy	Humbert	King	March 14, 1844	Jan. 9, 1878
Japan	Mutsuhito	Mikado	Nov. 3, 1852	Feb. 13, 1867
Khiva	Seid Mehomed Rahim	Kahn	1845	1865
Korea	Li Hsi	Emperor	July 25, 1851	Jan., 1864
Liberia	William David Coleman	President	....	Nov. 13, 1896
Luxembourg	Adolphus (Duke of Nassau)	Grand Duke	July 24, 1817	Nov. 23, 1890
Mexico	General Porfirio Diaz	President	....	Dec. 1, 1896
Monaco	Albert	Prince	Nov. 13, 1848	Sept. 10, 1889
Montenegro	Nicholas	Prince	Oct. 7, 1841	Aug. 14, 1860
Morocco	Muley Abdul Azziz	Sultan	1878	June 11, 1894
Nepal	Surendra Bikram Shamsher Jang	Maharaja	1874	1884
Netherlands	Wilhelmina	Queen	Aug. 31, 1880	Sept. 5, 1898
Nicaragua	General José S. Zelaya	President	....	1898
Oman	Seyyid Feysal bin Turkee	Sultan	....	June 4, 1888
*Orange Free State	M. T. Steyn	President	....	Feb. 19 1896
Paraguay	Emilio Aceval	President	....	Nov. 25, 1898
Persia	Muzafer ed Din	Shah	....	May 1, 1896
Peru	Eduardo Romana	President	....	Aug. 14, 1899
Portugal	Carlos	King	Sept. 28, 1863	Oct. 19, 1889
Roumania	Charles	King	April 20, 1839	March 26 1881
Russia	Nicholas II	Emperor	May 18, 1868	Nov. 2, 1894
Salvador	Tomas Regalado	President	....	Nov. 19, 1898
Sarawak	Sir Charles Johnson Brooke	Raja	June 3, 1829	June 11, 1868
Servia	Alexander	King	Aug. 14, 1876	March 6, 1889
Siam	Khoulalongkorn	King	Sept. 21, 1853	Oct. 1 1868
Spain	Alphonso XIII. (a minor)	King	May 17, 1886	May 17, 1886
Sweden and Norway	Oscar II	King	Jan. 21, 1829	Sept. 18, 1872
Switzerland	E. Müller	President	....	21, 1898
*Transvaal (S. African Rep	Stephanus J. Paul Krüger	President	Oct. 10, 1825	Dec., 1898
Tunis	Sidi Ali Pasha	Bey	Oct. 5, 1817	Oct. 28, 1882
Turkey	Abdul Hamid II	Sultan	Sept. 22, 1842	Aug. 31, 1876
United States of America	William McKinley	President	Jan. 29, 1843	March 4, 1897
Uruguay	Juan Lindolpho Cuestas	President	....	March 1, 1899
Venezuela	Cipriano Castro	President	....	Nov., 1899
Zanzibar	Hamoud bin Mohamed	Sultan (Seyyid)	1855	Aug. 27, 1896

* Will probably lose their independence at the end of the war with Great Britain.

Sovereigns of Europe.

ARRANGED ACCORDING TO THE DATES OF THEIR ACCESSION TO THE THRONE.

Sovereigns.	Accession.	Age at Accession.
Victoria, Queen of Great Britain, etc.	1837	18
Francis Joseph, Emperor of Austria	1848	18
Frederick, Grand Duke of Baden	1852	25
Peter, Grand Duke, Oldenburg	1853	25
Charles, Grand Duke, Saxe-Weimar	1853	35
Ernest, Duke of Saxe-Altenburg	1853	26
John II., Prince of Liechtenstein	1858	18
Henry XXII., Pr. of Reuss (Elder line)	1859	13
Nicholas, Prince of Montenegro	1860	19
Frederick William, Grand Duke of Mecklenburg-Strelitz	1860	40
Adolphus, Prince of Schaumburg-Lippe	1860	43
George I., King of the Greeks	1863	17
Christian IX., King of Denmark	1863	45
Leopold II., King of the Belgians	1865	30
Charles, King of Roumania	1866	26
George II., Duke of Saxe-Meiningen	1866	40
Henry XIV., Prince of Reuss (Younger line)	1867	35
Frederick, Duke of Anhalt	1871	40
Oscar II., King of Sweden and Norway	1872	43
Albert, King of Saxony	1873	45
Abdul Hamid, Sultan of Turkey	1876	33
Humbert I., King of Italy	1878	34
Leo XIII., Pope	1878	68
Charles, Prince of Schwarzburg-Sondershausen	1880	49
Alphonso XIII., King of Spain	1886	..
Otto I., King of Bavaria	1886	38
William II., German Emperor	1888	29
Alexander I., King of Servia	1889	13
Albert, Prince of Monaco	1889	41
Charles I., King of Portugal	1889	26
Gunther, Pr. of Schwarzburg-Rudolstadt	1890	38
Adolphus, Grand Duke of Luxembourg	1890	73
Wilhelmina, Queen of Netherlands	1890	10
William, King of Würtemberg	1891	43
Ernest Louis, Grand Duke of Hesse	1892	23
Frederick, Prince of Waldeck	1893	28
Alfred, Duke of Saxe-Coburg-Gotha	1893	48
Nicholas II., Emperor of Russia	1894	26
Adolphus, Prince of Lippe-Detmold	1895	56
Frederick IV., Grand Duke of Mecklenburg-Schwerin	1897	15

ARRANGED ACCORDING TO THEIR RESPECTIVE AGES.

Sovereigns.	Yr. of Birth.	Age Jan. 1 1900. y.	m.	d.
Leo XIII., Pope	1810	89	9	29
Adolphus, Grand Duke of Luxembourg	1817	82	5	7
Adolphus, Pr. of Schaumburg-Lippe	1817	82	5	..
Christian IX., King of Denmark	1818	81	8	22
Charles, Grand Duke of Saxe-Weimar	1818	81	6	6
Victoria, Queen of Great Britain	1819	80	7	7
Frederick William, Grand Duke of Mecklenburg-Strelitz	1819	80	2	13
George II., Duke of Saxe-Meiningen	1826	73	8	28
Frederick, Grand Duke of Baden	1826	73	3	21
Ernest, Duke of Saxe-Altenburg	1826	73	3	14
Peter, Grand Duke of Oldenburg	1827	72	5	23
Albert, King of Saxony	1828	71	8	7
Oscar II., King of Sweden and Norway	1829	70	11	10
Charles, Prince of Schwarzburg-Sondershausen	1830	69	4	24
Francis Joseph, Emperor of Austria	1830	69	4	13
Frederick, Duke of Anhalt	1831	68	8	2
Henry XIV., Pr. of Reuss (Y'nger line)	1832	67	7	3
Leopold II., King of the Belgians	1835	64	8	21
Charles, King of Roumania	1839	60	8	19
John II., Prince of Liechtenstein	1840	59	2	26
Nicholas, Prince of Montenegro	1841	58	2	23
Abdul Hamid, Sultan	1842	57	3	8
Humbert I., King of Italy	1844	55	9	17
Alfred, Duke of Saxe-Coburg-Gotha	1844	55	4	26
George I., King of the Greeks	1845	54	0	7
Henry XXII., Pr. of Reuss (Eld. line)	1846	53	9	3
William, King of Würtemberg	1848	51	10	3
Otto, King of Bavaria	1848	51	8	4
Albert, Prince of Monaco	1848	51	1	19
Gunther, Pr. of Schwarzb'g-Rudolstadt	1852	47	4	9
William II., German Emperor	1859	40	11	4
Adolphus, Prince of Lippe-Detmold	1859	40	5	11
Charles I., King of Portugal	1863	36	3	4
Frederick, Prince of Waldeck	1865	34	11	11
Nicholas II., Emperor of Russia	1868	31	7	14
Ernest Louis, Grand Duke of Hesse	1868	31	1	6
Alexander I., King of Servia	1876	23	4	18
Wilhelmina, Queen of Netherlands	1880	19	4	1
Frederick IV., Grand Duke of Mecklenburg-Schwerin	1882	17	0	1
Alphonso XIII., King of Spain	1886	13	7	14

COST OF THE BRITISH ROYAL FAMILY.

The annuities paid by the British people to the royal family for its support are as follows: The Queen, $1,925,000; Prince of Wales, $200,000; Princess of Wales, $50,000; Dowager Empress Frederick of Germany, $40,000; Duke of Edinburgh, $50,000; Princess Christian, $30,000; Princess Louise, $30,000; Duke of Connaught, $125,000; Princess Beatrice, $30,000; Duke of Cambridge (the Queen's cousin), $60,000; Duchess of Albany, $30,000; Duchess of Mecklenburg-Strelitz (the Queen's cousin), $15,000; children of the Prince of Wales, $180,000. Total. $2.765,000. The Queen also receives the revenues of the Duchy of Lancaster. During recent years these have amounted to about $250,000 per annum. When the royal children marry dowries are usually provided for them. The last of the Queen's children to marry, Princess Beatrice, received $150,000 as dowry from the British people by Parliamentary grant. The Duchess of Teck, the Queen's cousin, who died in 1897, enjoyed an annuity of $25,000.

THE RULERS OF FRANCE FROM THE REVOLUTION OF 1792.

(Whitaker's Almanack.)

The First Republic.

The National Convention first sat....Sept. 21, 1792
The Directory nominated.....Nov. 1, 1795

The Consulate.

Bonaparte, Cambacérès, and Lebrun..Dec. 24, 1799
Bonaparte, Consul for 10 years.....May 6, 1802
Bonaparte, Consul for life.....Aug. 2, 1802

The Empire.

Napoleon I. decreed Emperor.....May 18, 1804
Napoleon II. (never reigned).....died July 22, 1832

The Restoration.

Louis XVIII. re-entered Paris .....May 3, 1814
Charles X. (dep. July 30, 1830, d. Nov. 6, 1836) 1824

The House of Orleans.

Louis Philippe, King of the French.....1830
(Abdicated Feb. 24, 1848, died Aug. 26, 1850.)

The Second Republic.

Provisional Government formed.....Feb. 22, 1848
Louis Napoleon elected President.....Dec. 19, 1848

The Second Empire.

Napoleon III. elected Emperor.....Nov. 22, 1852
(Deposed Sept. 4, 1870, died Jan. 9, 1873.)

The Third Republic.

Committee of Public Defence.....Sept. 4, 1870
L. A. Thiers elected President.....Aug. 31, 1871
Marshal MacMahon elected President. May 24, 1873
Jules Grévy elected President.....Jan. 30, 1879
Marie F. S. Carnot elected President..Dec. 3, 1887
(Assassinated at Lyons, June 24, 1894.)
Jean Casimir Perier elected President. June 27, 1894
Felix François Faure elected Pres't....Jan. 17, 1895
Emile Loubet, elected President.....Feb. 18, 1899

Reigning Families

OF THE PRINCIPAL EUROPEAN COUNTRIES.

AUSTRIA-HUNGARY.

Francis Joseph I., the Emperor of Austria and King of Hungary, was born August 18, 1830, and was proclaimed Emperor of Austria after the abdication of his uncle, Ferdinand I., on December 2, 1848. He was crowned King of Hungary June 8, 1867. He married, in 1854, Elizabeth, a daughter of Duke Maximilian of Bavaria. She died by the hand of an Anarchist in Geneva, September 10, 1898. They had issue:

1. Archduchess Gisela, born 1856; married to Leopold, son of the Regent Luitpold of Bavaria. Issue, two daughters and two sons.
2. Archduke Rudolph, late heir apparent, born 1858; died by suicide 1889. He married, 1881, Stephanie, daughter of the present King of the Belgians, and had issue one daughter, the Archduchess Elizabeth, born 1883.
3. Archduchess Marie Valerie, born 1868; married, 1890, Archduke Francis-Salvator of Tuscany.

On the death of the Crown Prince, in 1889, the right of succession to the throne passed to the Emperor's eldest brother, the Archduke Charles Louis, who was born 1833, and died 1896; he married, 1862 (second marriage), the Princess Annunciata, daughter of King Ferdinand II. of Naples, and had issue the Archduke Ferdinand, born 1863, who is the heir presumptive to the throne and is unmarried; the Archduke Otto, born 1865, and married to the Princess Marie Josefa of Saxony, and has two sons (Archdukes Charles, born 1887, and Maximilian, born 1895), the Archduke Ferdinand, born 1868, and unmarried, and the Archduchess Margaret Sophia, born 1870, who married, in 1893, Albert, Duke of Würtemberg. By a third marriage, the Archduke Charles Louis had two daughters.

The Emperor has a second brother, the Archduke Louis Victor, born 1842, and who is unmarried.

There are eighty-six other archdukes and archduchesses of Austria, cousins of the Emperor, collateral relatives of the reigning house and members of the formerly reigning branches of Tuscany and Modena. The family is descended from Count Rudolph of Hapsburg, who was elected Emperor of Germany in 1273.

BAVARIA.

Otto, King of Bavaria, was born April 27, 1848, and succeeded his brother, Ludwig II., June 13, 1886, when that mad monarch committed suicide by drowning himself in the Starnberg Lake. Otto is also crazy, and is shut up in one of his châteaux, and the kingdom is governed by Prince Luitpold, his uncle, as regent. The latter is also the heir apparent to the throne; was born in 1821; married, 1844, the Austrian Archduchess Augusta of Tuscany, who is dead, and has four children:

1. Prince Louis, born 1845; married the Austrian Archduchess Maria Theresa, and has seven daughters and four sons, the eldest of the latter being Prince Rupert, born 1869.
2. Prince Leopold, born 1846; married to the Austrian Archduchess Gisela, daughter of the Emperor Francis Joseph I. There are two daughters and two sons.
3. Princess Theresa, born 1850.
4. Prince Arnulf, married, and has a son.

King Otto has five cousins who bear principally titles, children of his dead uncle, Adalbert.

The royal house of Bavaria comes from the Counts of Wittelsbach of the twelfth century, one of whose descendants was elevated to the rank of Elector, and a later one made King by Napoleon I.

BELGIUM.

Leopold II., King of the Belgians, was born April 9, 1835, and was a son of Leopold I., Prince of Saxe-Coburg-Gotha (uncle of Queen Victoria), who was elected King of the Belgians in 1831, and Princess Louise, daughter of King Louis Philippe of France. The present King, who ascended the throne in 1865, was married, in 1853, to the Austrian Archduchess Marie Henriette, and has the following children:

1. Princess Louise, born 1858; married to Prince Philippe of Saxe-Coburg-Gotha.
2. Princess Stephanie, born 1864; married, 1881, to the late Crown Prince Rudolph of Austria, and has one daughter.
3. Princess Clementine, born 1872.

The King's brother is Prince Philippe, Count of Flanders, born in 1837; married to the Hohenzollern Princess Marie. He has renounced his right to the throne in favor of his son, Prince Albert, who is, therefore, the present heir apparent. He had two sons, the eldest being Baldwin, who died in 1891, and the other, Albert, born in 1875. Prince Philippe has also two daughters, Henriette, born 1870, and Josephine, born 1872; married, 1894, to Prince Charles of Hohenzollern-Sigmaringen.

The sister of the King is the hapless ex-Empress Carlotta of Mexico, widow of Maximilian. She was born in 1840, widowed in 1867, has no children, and is now insane.

DENMARK.

Christian IX., King of Denmark, born April 8, 1818, was Duke of Schleswig-Holstein-Sonderburg-Glücksburg, and succeeded to the throne of Denmark by virtue of treaty and the law of the Danish succession on the death of his kinsman, Frederick VII., in 1863. He married the Princess Louise of Hesse-Cassel, who died September 29, 1898, and has had the following offspring:

1. Prince Royal Frederick, born 1843; married to the Princess Louise of Sweden in 1869 and has three daughters and five sons, the eldest of the latter being Prince Christian, born in 1870, and married, 1898, Princess Alexandra, of Mecklenburg, and has a son, born 1899; and the second, Prince Charles, born 1872; married, 1896, Princess Maud, third daughter of the Prince of Wales.
2. The Princess of Wales (Alexandra), born 1844; married the Prince of Wales, 1863, and has four living children.
3. The King of the Greeks (George I.), born 1845; married to the Grand Duchess Olga of Russia, and has one daughter and five sons, the eldest of the latter being Prince Constantine.
4. The Dowager Empress of Russia (Dagmar), born 1847; married the late Czar Alexander III. in 1866, and has five children.
5. The Duchess of Cumberland (Thyra), born 1853; married the present Duke of Cumberland (English title), son of the ex-King of Hanover, in 1878, and has three sons and three daughters. She became insane in 1887.
6. Prince Waldemar, born 1858; married, 1885, the Princess Marie of Orleans, daughter of the Duke of Chartres, and has four sons and a daughter. He was elected reigning Prince of Bulgari in 1886, but declined.

REIGNING FAMILIES—*Continued.*

GERMANY.

William II., German Emperor and King of Prussia, was born January 27, 1859; succeeded his father, the Emperor Frederick III., June 15, 1888. He married the Princess Victoria of Schleswig-Holstein-Sonderburg-Augustenburg (born 1858), and has had issue:

1. Frederick William, Crown Prince, born 1882; 2. William Eitel-Frederick, born 1883; 3. Adalbert, born 1884; 4. Augustus, born 1887; 5. Oscar, born 1888; 6. Joseph, born 1890; 7. Victoria Louise, born 1892.

The Emperor's brother is Prince Henry, born 1862, and married, 1888, to his cousin, Princess Irene of Hesse, daughter of the late Princess Alice of England, and has two sons; and the Emperor has four sisters, all the children of the late Emperor Frederick and the Princess Victoria of England (Dowager Empress), who survives. The sisters are:

1. Princess Charlotte, born 1860; married, 1878, to George, hereditary Prince of Saxe-Meiningen, and has one daughter.
2. Princess Victoria, born 1866; married, 1890, to Prince Adolphus of Schaumburg-Lippe (Regent of Lippe-Detmold).
3. Princess Sophia, born 1870; married, 1889, to Constantine, Crown Prince of Greece, and has two sons and a daughter.
4. Princess Margaret, born 1872; married, 1893, to Prince Frederick Charles of Hesse, and has three sons.

The Emperor has an aunt, the Princess Louise, born 1838, married to the present Grand Duke of Baden; and he has a number of cousins, descendants of the brothers and sisters of the Emperor William I. One of these, Prince Albert, born 1837, is a field marshal in the German Army, and another, Princess Margaret, daughter of the late Prince Frederick Charles, is the wife of the British Duke of Connaught, son of Queen Victoria. The reigning family is descended from Frederick of Hohenzollern, a German count, in 980, and Frederick William, the Elector of Brandenburg, 1640-88, whose son became King of Prussia.

GREECE.

George I., King of the Hellenes, born December 24, 1845, elected King in 1863. He is the son of the present King of Denmark, Christian IX., and brother of the Princess of Wales and the dowager Empress of Russia. He married, 1867, the Grand Duchess Olga, eldest daughter of the Grand Duke Constantine of Russia, grand uncle to the present Emperor. They have had six living children, five sons and one daughter. The eldest son is:

Prince Constantine, born 1868; married, 1889, the Princess Sophia, sister of the present German Emperor, and has two sons, Prince George, born 1890, and Prince Alexander, born 1893, and a daughter, Princess Helen, born 1896.

The King's eldest daughter, Alexandra, married, in 1889, the Grand Duke Paul, uncle of the present Emperor of Russia, and died September 24, 1891, leaving a daughter and a son.

ITALY.

Humbert I., King of Italy, was born March 14, 1844, and was the eldest son of Victor Emmanuel, the first King of United Italy. He succeeded his father in 1878. He married, in 1868, his cousin Margherita, daughter of Ferdinand, Duke of Genoa, and they have had issue one child only:

1. Victor Emmanuel, Prince of Naples, heir apparent, born 1869; married, 1896, Princess Helene, daughter of Nicholas, Prince of Montenegro.

The following are the sisters of the King:

1. Princess Clotilde, born 1843; married, 1859, to Prince Napoleon Jerome Bonaparte, the late head of the Bonaparte family, and has issue two sons and a daughter, Letitia. (See "Bonapartists.")
2. Princess Pia, born 1847, and married, 1862, to the late King Louis of Portugal, and has two sons.

The late Prince Amadeus, brother of the King, Duke of Aosta and ex-King of Spain, born 1845; married first in 1867, and had issue three sons—Emmanuel, now Duke of Aosta, born 1869; married, 1895, Princess Helene of Orleans, daughter of the late Count of Paris, and they have had issue one child, born 1898, Amadeus; Victor, Count of Turin, born 1870, and Louis, Duke of Abruzzi, born 1873. Prince Amadeus married, second, 1888, his niece, Princess Letitia, daughter of Prince Napoleon Bonaparte and the Princess Clotilde. By this second marriage he had a son, Humbert, Count of Salemi, born in 1889.

The King's aunt by marriage, the Princess Elizabeth, widow of the Duke of Genoa, has a son (Prince Thomas, Duke of Genoa, married, 1883, Princess Isabella, daughter of Prince Adelbert of Bavaria, and has one son) and a daughter, the latter being King Humbert's wife. The family is descended from the Counts of Savoy, who flourished in the eleventh century.

NETHERLANDS.

Wilhelmina, Queen of the Netherlands and Princess of Orange-Nassau, born August 31, 1880, daughter of the late King William III. and Emma, daughter of Prince George Victor of Waldeck.

The Queen's mother is the late Regent Queen Emma, whose regency lasted from the death of the late King, her husband, November 23, 1890, until the end of the minority of her daughter, August 31, 1898. The Queen's aunt is the Princess Sophia, married to the Grand Duke of Saxe-Weimar. She has a son, Prince Charles, born 1844, and two daughters. This family, known as the House of Orange, is descended from the Princes of Orange, stadtholders during the Dutch Republic.

PORTUGAL.

Charles I., King of Portugal, born September 28, 1863, son of the late King Louis and his spouse, the Princess Pia, daughter of King Victor Emmanuel of Italy. He succeeded to the throne October 19, 1889. He married, 1886, the Princess Amelie of Orleans, daughter of the Count of Paris, and has two sons, Prince Louis Philippe, Duke of Braganza, born 1887, and Prince Manuel, Duke of Beja, born 1889.

The King has a brother, Prince Alphonse, Duke of Oporto, born 1865, and unmarried; and an aunt married to the Prince of Hohenzollern-Sigmaringen, and has three sons.

The reigning family belongs to the House of Braganza, whose founder was an illegitimate son of King John I. (A. D. 1400) of the old line of Portuguese kings.

REIGNING FAMILIES—*Continued.*

ROUMANIA.

Charles I., King of Roumania, born April 30, 1839, is a son of the late Prince Charles of Hohenzollern-Sigmaringen, and was elected "Lord of Roumania" by the nobles thereof in 1866. He was proclaimed King in 1881. He married, 1869, Elizabeth, a daughter of the princely German House of Wied. He has no children.

The succession to the throne, in the event of his being childless, has been settled by the constitution of the kingdom upon his elder orother, Prince Leopold of Hohenzollern-Sigmaringen; but he has renounced his right to the throne in favor of his son, Prince Ferdinand, born 1865, who is, therefore, the heir presumptive. He married the Princess Marie, eldest daughter of the Duke of Saxe-Coburg-Gotha (the British Duke of Edinburgh), January 10, 1893, and has a son, Prince Carol, and a daughter.

RUSSIA.

Nicholas II., Emperor of Russia, was born May 18, 1868, and succeeded his father, the late Emperor Alexander III., November 1, 1894. He is married to the Princess Alice (Alix) of Hesse-Darmstadt, daughter of the Princess Alice of Great Britain, and has three daughters, Olga, born in 1895; Tatania, born in 1897, and Marie, born in 1899.

The late Emperor Alexander III., born in 1845; married, in 1866, the Princess Dagmar, daughter of the present King of Denmark, had issue three sons: 1. Nicholas, the present Emperor; 2. Grand Duke George (the late Czarevitch), born 1871, died 1899; 3. Grand Duke Michael, born December 4, 1878, and heir apparent since the death of his elder brother, and two daughters: 1. Grand Duchess Xenia, born April 6, 1875; married, August 6, 1894, her cousin, the Grand Duke Alexander, and has a son and daughter, and 2. Grand Duchess Olga, born June 13, 1882. The uncles and aunts of the Emperor are:

1. Grand Duke Vladimir, born 1847; married, 1874, the Princess Marie of Mecklenburg-Schwerin, and has three sons and one daughter.
2. Grand Duke Alexis, High Admiral, born 1850. He is unmarried.
3. Grand Duchess Marie, born 1853: married to the Duke of Edinburgh, and has one son and four daughters.
4. Grand Duke Sergius, born 1857; married, 1884, Princess Elizabeth of Hesse-Darmstadt, daughter of Princess Alice of England, and has no issue.
5. Grand Duke Paul, born 1860; married, 1889, Princess Alexandra, daughter of the King of the Greeks. She died September 24, 1891, leaving a son, the Grand Duke Demetrius, and a daughter.

The Emperor has one grand uncle (son of the Emperor Nicholas I.), Grand Duke Michael, born 1832, field marshal in the Russian Army; married, 1857, Princess Cecelia of Baden, and has issue six living children, the eldest daughter, Anastasia, born 1860, being the wife of the late Grand Duke of Mecklenburg-Schwerin. His second son, Michael, having married outside of royalty, has been excluded from the army and his estates.

A grand uncle, the Grand Duke Constantine, born 1827; died January 12, 1892; married, 1848, Princess Alexandra of Saxe-Altenburg, and had issue five children, the Grand Duke Nicholas, born 1850, being the eldest, and the Grand Duchess Olga, born 1851, the eldest daughter, being married to the King of the Greeks.

A third grand uncle, the Grand Duke Nicholas, born 1831, field marshal in the Russian Army, died in 1891; married, in 1856, the Princess Alexandra of Oldenburg, and had issue two sons, the youngest of whom, the Grand Duke Peter, married, in 1889, Militsa, daughter of the present Prince of Montenegro and sister of Crown Princess Helene of Naples (Italy).

The Russian reigning family is descended from Michael Romanoff, elected Czar in 1613. The members of the family for over two centuries, however, have married so generally into the German royal houses that the present Romanoffs are practically, by blood, Germans; as much so as their kinsman, the head of the German Empire.

SAXONY.

Albert, King of Saxony, born April 23, 1828, succeeded to the throne on the death of his father, 1873; married, 1853, Caroline, daughter of Prince Gustavus of Holstein-Gottorp-Vasa. They have no children.

The heir to the throne is the King's brother, George, born 1832; married, 1859, the Infanta Maria, daughter of the late King Ferdinand of Portugal. He has one daughter and five sons, the eldest of the latter being Prince Frederick, born 1865, and married, 1891, the Archduchess Louise of Austria-Tuscany, and has two sons.

The King has one sister, Princess Elizabeth, born 1830, who married Prince Ferdinand of Sardinia, and is a widow.

The royal house of Saxony is one of the oldest in Europe, having given an emperor to Germany as early as the beginning of the tenth century. The Elector of Saxony was made King in 1815.

SPAIN.

Alphonso XIII., King of Spain, born May 17, 1886, nearly six months after the death of his father, Alphonso XII. His mother, Maria Christina, an Austrian princess, is the Queen Regent during his minority. He has two sisters, the Infanta Maria-de-las-Mercedes, born 1880, and the Infanta Maria Theresa, born 1882.

The King's aunts are the Infantas Isabella, widow of the Count de Girgenti; Maria, wife of Prince Louis of Bavaria, and Eulalie, wife of Prince Antonio of Orleans, who visited the United States and the World's Fair in 1893.

The King's grandmother is ex-Queen Isabella, born in 1830, crowned 1833, abdicated 1870. Her husband, the Infant Francis d'Assisi, born 1822, is living.

The King's grand aunt, the Infanta Louisa, widow of the Duke of Montpensier (son of King Louis Philippe of France), now dead, was the mother of a son and daughter, the latter being the wife of the late Count of Paris, head of the House of Orleans.

A second cousin of the King is Don Carlos, born in 1848, and a pretender to the Spanish throne, who is married, and has four daughters and a son, Prince Jaime, born in 1870.

The Spanish reigning family are Bourbons, descendants of King Louis XIV. of France.

REIGNING FAMILIES—*Continued.*

SERVIA.

Alexander I., King of Servia, born August 14, 1876, son of King Milan I., who abdicated in 1889, and Natalie, daughter of Colonel Keschko, of the Russian Imperial Guard. Alexander was proclaimed King in 1889, on the abdication of his father. He is the only child of his parents. The ex-King obtained a divorce from Queen Natalie in 1888, but they were afterward reunited.

The present reigning house was founded by Milos Todorovic Obrenovic, leader of the insurrection against the yoke of Turkey in 1815-29. The Turkish Government recognized the quasi independence of Servia in 1829, and confirmed the title of Obrenovic as reigning prince. The present King is the fifth of his dynasty, being descended from a brother of the founder.

SWEDEN AND NORWAY.

Oscar II., King of Sweden and Norway, born January 21, 1829; son of Oscar I., and grandson of Marshal Bernadotte. He married, 1857, the Princess Sophia of Nassau, and has had four sons, the eldest of whom is the Crown Prince Gustavus, born 1858; married, 1881, to the Princess Victoria of Baden, and has three sons, born in 1882, 1884, and 1889 respectively. The King's other sons are: Prince Oscar, born 1859, married to Lady Ebba Munck, one of his mother's maids of honor, and relinquished his rights to the throne; Prince Carl, born 1861, and married, 1897, Princess Ingeborg, second daughter of the Crown Prince of Denmark, and Prince Eugene, born 1865. The King has a niece, Louise, married to the Crown Prince of Denmark. The royal family comes from Napoleon's Marshal Bernadotte, a Frenchman, who was elected heir apparent to the crown of Sweden in 1810, and of Norway in 1814, and became King in 1818.

WÜRTEMBERG.

William II., King of Würtemberg, born February 25, 1848, succeeded his uncle, King Charles I., October 6, 1891. He married, 1877, Princess Marie of Waldeck, who died, leaving a daughter, Pauline, born 1877. The King married, second, Princess Charlotte of Schaumburg-Lippe, by whom he has no children.

The King's mother, Princess Catherine, is living, and he has an aunt, Princess Augusta, married to Prince Herman of Saxe-Weimar, with issue of four sons and two daughters. He has a number of cousins, one of them being the Duke of Teck, who was married to the English Princess Mary of Cambridge, who died in 1897.

The French Pretenders.

BONAPARTIST.

Of the Emperor Napoleon I. and his brothers Joseph and Louis, male issue is now extinct. The Emperor's brothers Lucien and Jerome are represented by the following living descendants, and they constitute the present Imperialist house of France:

Prince Victor Napoleon (of the house of Jerome), born July 18, 1862, is the son of the late Prince Napoleon (who died March 18, 1891) and the Princess Clotilde, sister of King Humbert of Italy. The Prince has been recognized by his party as the undisputed head of the Bonaparte family. He lives in Brussels and is unmarried. His only brother, Prince Louis Napoleon, born 1864, is an officer in the Russian Army. His sister, Princess Letitia, born 1866, is the widow of Prince Amadeus of Italy, her own uncle, by whom she had a son, Prince Humbert, born 1889.

The living aunt of Prince Victor Napoleon is the Princess Mathilde, born 1820, married, 1840, Prince Demidoff of Russia; now a widow without children.

Prince Charles Napoleon, brother of the late Cardinal Bonaparte, who died February 12, 1899, was the last representative of the eldest son of Napoleon's brother, Lucien, in the male line. He was born 1839; was married and had two daughters—Marie, wife of Lieutenant Giotti, of the Italian Army, and Eugénie, unmarried. He had three sisters, married respectively to the Marquis of Roccagivoine, Count Primoli, and Prince Gabrelli.

Prince Roland Bonaparte is the only living male cousin of Prince Charles Napoleon. He is a son of the late Prince Pierre Napoleon Bonaparte; was born 1858; married, 1880, the daughter of Blanc, the proprietor of the Monte Carlo gambling-hell. His wife died in 1882, leaving him a daughter and a fortune. He has one sister, Jeanne, born 1861, and married to the Marquis de Villeneuve.

Ex-Empress Eugénie, widow of Emperor Napoleon III., was a daughter of Count Cyprien de Montijo, a Spanish grandee, and was born May 5, 1826. She married 1853. Became a widow 1873. Her only son, Prince Louis Napoleon, was killed in Zululand in 1879.

BOURBON—ORLEANIST.

Robert, Duke of Orleans, born 1869, succeeded his father, the late Count of Paris, in 1894 as the head of the royal family of France. He married, in 1896, the Archduchess Marie-Dorothea, daughter of the Archduke Joseph, cousin of the Emperor of Austria. His mother (still living) was the Spanish Infanta Louise of Montpensier, and he has one brother and four sisters, the eldest of the latter being the Princess Amelie, who is married to the King of Portugal, and the second Helena, who is married to the Duke of Aosta, nephew of the King of Italy.

The only uncle of the Duke of Orleans is the Duke of Chartres, born 1840, and married to a daughter of the Prince of Joinville. The issue are two daughters and two sons, the eldest son being Prince Henry, born 1867, the eldest daughter, Princess Marie, being married to Prince Waldemar of Denmark, and the second daughter, Princess Marguerite, being married (in 1896) to Patrice MacMahon, Duke of Magenta.

The only living grand uncle (son of King Louis Philippe) of the Duke of Orleans is Francis, Prince of Joinville, born 1818, married to a daughter of Pedro I. of Brazil, and has one daughter and one son, the Duke of Penthievre, born 1845.

The other grand uncles of the Duke of Orleans were: Henry, Duke of Aumale, born 1822, died (childless) 1897; Anthony, Duke of Montpensier, born 1824, died 1890 (married, 1832, a sister of Queen Isabella of Spain, and had a daughter, the wife of the Count of Paris, and a son, Prince Anthony, born 1866, who married, 1888, his cousin, the Infanta Eulalie of Spain), and Louis, Duke of Nemours, born 1814, died 1896. He was the father of two daughters and two sons, the eldest son being the Count of Eu, born 1842, married to a daughter of Pedro II. of Brazil, and having three children, and the second son being the Duke of Alençon, born 1844, and married to a Bavarian princess (who was burned in the Paris bazaar fire in 1897), and having two children.

By the death of the Count of Chambord, in 1883, the elder line of the Bourbons of France became extinct, and the right of succession merged in the Count of Paris, grandson of King Louis Philippe, representative of the younger, or Orleans line.

The British Empire.

THE UNITED KINGDOM.

Countries.	Area in Square Miles.	How Acquired by England.	Date.	Population.
England	50,840		....	27,499,984
Wales	7,470	Conquest	1282	1,501,034
Scotland	29,785	Union	1603	4,033,103
Ireland	32,583	Conquest	1172	4,706,448
Islands	295		....	147,870
Total	120,973			37,888,439

COLONIES AND DEPENDENCIES.

Europe:				
Gibraltar	2	Conquest	1704	26,203
Malta, etc.	122	Treaty cession	1814	177,745
Asia:				
India (including Burmah)	1,800,258	Conquest	Begun 1757	287,223,431
		Transfer from East India Co.	1858	
Ceylon	25,365	Treaty cession	1801	3,008,239
Cyprus	3,584	Convention with Turkey	1878	187,000
Aden and Socotra	3,070	(Aden) conquest	1839	44,000
Straits Settlements	1,500	Treaty cession	1785-1824	506,577
Hong Kong	30½	Treaty cession	1841	221,441
Labuan	31	Treaty cession	1846	5,853
British North Borneo	31,000	Cession to Company	1877	150,000
Africa:				
Cape Colony	276,800	Treaty cession	1588, 1814	1,766,100
Natal and Zululand	34,700	Annexation	1843	828,500
St. Helena	47	Conquest	1673	4,116
Ascension	38	Annexation	1815	200
Sierra Leone	15,000	Settlement	1787	300,000
British Guinea, Gold Coast, etc.	339,900	Treaty cession	1872	23,455,000
Mauritius, etc.	1,063	Conquest and cession	1810, 1814	392,500
British South and East Africa	1,989,247	Conquest and cession	1870-1890	14,911,000
America:				
Canada Proper	370,488	Conquest	1759-60	4,823,875
New Brunswick	28,200	Treaty cession	1763	
Nova Scotia	20,907	Conquest	1627	
Manitoba	73,956	Settlement	1813	
British Columbia, etc	383,300	Transfer to Crown	1858	
Northwest Territories	3,257,500	Charter to Company	1670	
Prince Edward Island	2,133	Conquest	1745	
Newfoundland	42,200	Treaty cession	1713	198,000
British Guiana	76,000	Conquest and cession	1803-1814	282,000
British Honduras	7,562	Conquest	1798	28,000
Jamaica	4,193	Conquest	1655	581,000
Trinidad and Tobago	1,754	Conquest	1797	205,000
Barbadoes	166	Settlement	1605	172,000
Bahamas	5,794	Settlement	1629	48,000
Bermuda	41	Settlement	1612	16,000
Other Islands	8,742		.....	255,000
Australasia:				
New South Wales	310,700	Settlement	1788	1,335,800
Victoria	87,884	Settlement	1832	1,169,434
South Australia	903,690	Settlement	1836	358,224
Queensland	668,497	Settlement	1824	493,704
Western Australia	975,876	Settlement	1828	161,924
Tasmania	26,215	Settlement	1803	171,719
New Zealand	104,032	Purchase	1845	743,214
Fiji	7,423	Cession from the natives	1874	121,798
New Guinea (British)	88,460	Annexation	1884	350,000

Estimates of area and present population are by Whitaker, and in some cases by the "Statesman's Year-Book," except for British Africa and the late accessions there, which are corrected by Ravenstein's figures. The entire population of the empire, according to the estimates of the "Statesman's Year-Book," is 385,280,140, and the total area, 11,712,170. The East Indian possessions extend over a territory larger than the continent of Europe without Russia; but the North American possessions are greater still, and, inclusive of Hudson's Bay and the great lakes, have a larger area than the whole of Europe. British Africa and Australasia are the next possessions in size.

POPULATION OF THE UNITED KINGDOM BY SUCCESSIVE CENSUSES.

	1831.	1841.	1851.	1861.	1871.	1881.	1891.
England	13,090,523	15,002,443	16,921,888	18,954,444	21,495,131	24,613,926	27,499,984
Wales	806,274	911,705	1,005,721	1,111,780	1,217,135	1,360,513	1,501,034
Scotland	2,364,386	2,620,184	2,888,742	3,062,294	3,360,018	3,735,573	4,033,103
Ireland	7,767,401	8,196,597	6,574,278	5,798,967	5,412,377	5,174,836	4,706,448
Total	24,028,584	26,730,929	27,390,629	28,927,485	31,484,661	34,884,848	*37,888,439

* Including 147,870 inhabitants of islands in the United Kingdom.

The British Royal Family.

DECEMBER 1, 1899.

QUEEN VICTORIA was born May 24, 1819; succeeded her uncle, King William IV., June 20, 1837; married, February 10, 1840, Prince Albert of Saxe-Coburg-Gotha, who died on December 14, 1861. In the following table their children, grandchildren, and great-grandchildren, with their matrimonial alliances, are enumerated.

NAME.	Born	Died.	Married.	Date.
THE QUEEN	1819	.....	Duke of Saxony, Prince of Saxe-Coburg-Gotha (died December 14, 1861)	1840
*Descendants.**				
1. VICTORIA ADELAIDE, PRINCESS ROYAL	1840	.....	Crown Prince of Prussia (succ. as German Emperor, March, 1888. Died June, 1888)	1858
Frederick William (succ. as German Emperor, June, 1888). (*Issue*, 6 sons, 1 daughter)	1859	.....	Princess Augusta of Schleswig-Holstein	1881
Charlotte. (*Issue*, 1 daughter)	1860	.....	Prince of Saxe-Meiningen	1878
Henry. (*Issue*, 2 sons)	1862	.....	Princess Irene of Hesse	1888
Sigismund	1864	1866		
Victoria	1866	.....	Prince Adolphus of Schaumburg-Lippe	1890
Waldemar	1868	1879		
Sophia Dorothea. (*Issue*, 2 sons, 1 dau.)	1870	.....	Duke of Sparta, son of King of the Greeks.	1889
Margaret. (*Issue*, 3 sons)	1872	.....	Prince Frederick Charles of Hesse	1893
2. ALBERT EDWARD, PRINCE OF WALES	1841	.....	Princess Alexandra of Denmark	1863
Albert Victor, Duke of Clarence	1864	1892		
George Frederick, Duke of York. (*Issue*, 2 sons, 1 daughter)	1865	.....	Princess Victoria Mary of Teck	1893
Louise Victoria. (*Issue*, 2 daughters)	1867	.....	Duke of Fife	1889
Victoria Alexandra	1868	.....		
Maude Charlotte	1869	.....	Prince Charles of Denmark	1896
Alexander	1871	1871		
3. ALICE MAUD MARY, GRAND DUCHESS OF HESSE.	1843	1878	Louis IV., Grand Duke of Hesse (died March 13, 1892)	1862
Victoria Alberta. (*Issue*, 1 son, 2 daughters)	1863	.....	Prince Louis of Battenberg	1884
Elizabeth	1864	.....	Grand Duke Sergius of Russia	1884
Irene Marie. (*Issue*, 2 sons)	1866	.....	Prince Henry of Prussia	1888
Ernest Louis, Grand Duke of Hesse.	1868	.....	Princess Victoria of Saxe-Coburg-Gotha.	1894
Frederick William	1870	1873		
Victoria Alice. (*Issue*, 3 daughters).	1872	.....	Emperor Nicholas II. of Russia	1894
Mary Victoria	1874	1878		
4. ALFRED, DUKE OF SAXE-COBURG-GOTHA, DUKE OF EDINBURGH.	1844	.....	Grand Duchess Marie, daughter of Alexander II., Emperor of Russia	1874
Alfred Alexander	1874	1899		
Marie Alexandra Victoria. (*Issue*, 1 son, 1 daughter)	1875	.....	Ferdinand, Crown Prince of Roumania	1893
Victoria Melita. (*Issue*, 1 daughter)	1876	.....	Ernest Louis, Grand Duke of Hesse	1894
Alexandra Louise	1878	.....	Hereditary Prince of Hohenlohe-Langenberg.	1896
Beatrice	1884	.....		
5. HELENA, PRINCESS CHRISTIAN	1846	.....	Prince Frederick Christian of Schleswig-Holstein	1866
Christian Victor	1867	.....		
Albert John	1869	.....		
Victoria Louise	1870	.....		
Louise Augusta	1872	.....	Prince Aribert of Anhalt-Dessau	1891
Harold	1876	1876		
6. LOUISE, MARCHIONESS OF LORNE	1848	.....	Marquis of Lorne	1871
7. ARTHUR, DUKE OF CONNAUGHT	1850	.....	Princess Louise of Prussia	1879
Margaret	1882	.....		
Arthur Patrick	1883	.....		
Victoria Patricia	1886	.....		
8. LEOPOLD, DUKE OF ALBANY	1853	1884	Princess Helena of Waldeck-Pyrmont	1882
Alice Mary	1883	.....		
Leopold, 2d Duke of Albany (*posthumous*)†	1884	.....		
9. BEATRICE MARY VICTORIA FEODORE.	1857	.....	Prince Henry of Battenberg (died 1896).	1885
Albert Alexander	1886	.....		
Victoria Eugénie Julia Ena	1887	.....		
Leopold Arthur Louis	1889	.....		
Maurice Victor Donald	1891	.....		
The Queen's Cousins.				
DUKE OF CUMBERLAND. (*Issue*, 6 children)	1845	.....	Princess Thyra of Denmark	1878
GEORGE, DUKE OF CAMBRIDGE	1819	.....	Morganatic marriage	.....
AUGUSTA, DUCHESS OF MECKLENBURG-STRELITZ. (Son and grandchildren)	1822	.....	Frederick, Duke of Mecklenburg-Strelitz	1843
MARY ADELAIDE, DUCHESS OF TECK. (1 daughter‡ and 3 sons)	1833	1897	Francis, Duke of Teck	1866

The Queen has had eighty children, grandchildren, and great-grandchildren, of whom seventy are living and ten are dead. * Queen's children in SMALL CAPS with numbers. Their children follow. † Heir to the Dukedom of Saxe-Coburg-Gotha. ‡ Princess May (Mary), who was betrothed to the Duke of Clarence and after his death married his brother, the Duke of York.

The British Government.

THE MINISTRY.

The Present Conservative Ministry.	JANUARY 1, 1900.	The Late Liberal Ministry.
Marquis of Salisbury	*Prime Minister.*	Earl of Rosebery.
Arthur James Balfour	*Foreign Secretary.*	Earl of Kimberley.
Earl of Halsbury	*First Lord of the Treasury.*	Earl of Rosebery.
Duke of Devonshire	*Lord High Chancellor.*	Lord Herschell.
Sir Michael E. Hicks-Beach, Bart.	*President of the Council.*	Earl of Rosebery.
Sir Matthew White-Ridley, Bart.	*Chancellor of the Exchequer.*	Sir William Vernon-Harcourt.
Joseph Chamberlain	*Home Secretary.*	Herbert Henry Asquith, Q. C.
Marquis of Lansdowne	*Colonial Secretary.*	Marquis of Ripon.
Lord George Francis Hamilton	*Secretary for War.*	Sir Henry Campbell-Bannerman.
Lord Balfour of Burleigh	*Secretary for India.*	Sir Henry Hartley Fowler.
Viscount Cross	*Secretary for Scotland.*	Sir George O. Trevelyan, Bart.
George Joachim Goschen	*Lord Privy Seal.*	Lord Tweedmouth.
Charles Thomson Ritchie	*First Lord of the Admiralty.*	Earl Spencer.
Henry Chaplin	*President Board of Trade.*	James Bryce.
Lord James of Hereford	*Pres. Local Government Board.*	George John Shaw-Lefevre.
Duke of Norfolk*	*Chancellor Duchy Lancaster.*	Lord Tweedmouth.
Gerald William Balfour*	*Postmaster-General.*	Arnold Morley.
Lord Ashbourne	*Chief Secretary for Ireland.*	John Morley.
Walter Hume Long	*Lord Chancellor for Ireland.*	Samuel Walker.*
Aretas Akers-Douglas	*President Board of Agriculture.*	Herbert Colstoun Gardner.*
	First Commissioner of Works.	Herbert John Gladstone.*
	* Not in the Cabinet.	
Henry Torrens Anstruther, William Hayes Fisher, Lord Stanley	*Junior Lords of the Treasury.*	Ronald C. Munro-Ferguson, Richard Knight Causton, William Alex. McArthur.
Duke of Marlborough	*Paymaster-General.*	Charles Seale-Hayne.
Jesse Collings	*Political Secretary Home Office.*	Geo. W. Erskine Russell.
W. St. John Brodrick	*Political Secretary Foreign Office.*	Sir Edward Grey, Bart.
Earl of Selborne	*Political Secretary Colonial Office.*	Sydney Charles Buxton.
Earl of Onslow	*Political Secretary India Office.*	Lord Reay.
George Wyndham	*Political Secretary War Office.*	Lord Sandhurst.
Sir Richard Everard Webster, Q. C	*Attorney-General.*	Sir Robert Threshie Reid, Q. C.
Sir Robert B. Finlay, Q. C.	*Solicitor-General.*	Sir Frank Lockwood, Q. C.

HOUSEHOLD OFFICIALS.

Earl of Pembroke	*Lord Steward.*	Marquis of Breadalbane.
Earl of Hopetoun	*Lord Chamberlain.*	Lord Carrington.
Duke of Portland	*Master of the Horse.*	Earl of Cork and Orrery.
Earl of Coventry	*Master of the Buckhounds.*	Lord Ribblesdale.

SCOTLAND.

Lord Balfour of Burleigh	*Secretary and Keeper of Great Seal.*	Sir Geo. Otto Trevelyan, Bart.
Lord ———	*Lord Justice-General.*	Lord Robertson.
Andrew Graham Murray, Q. C.	*Lord Advocate.*	John Blair Balfour, Q. C.
Marquis of Lothian	*Keeper of the Privy Seal.*	Marquis of Lothian.
Lord Kingsburgh (Macdonald)	*Lord Justice Clerk.*	Lord Kingsburgh.
Duke of Montrose	*Lord Clerk Register.*	Duke of Montrose.
Charles Scott Dickson, Q. C.	*Solicitor-General.*	Thomas Shaw, Q. C.

IRELAND.

Earl Cadogan (in the Cabinet)	*Lord-Lieutenant.*	Lord Houghton (now Earl Crewe).
Gerald William Balfour	*Chief Secretary.*	John Morley.
Sir David Harrel, K. C. B.	*Under-Secretary.*	Sir David Harrel, C. B.
Lord Ashbourne	*Lord Chancellor.*	Samuel Walker.
John Atkinson, Q. C.	*Attorney-General.*	The MacDermot, Q. C.

COURTS OF LAW.

House of Lords—*Lord High Chancellor*, Earl of Halsbury, and such peers of Parliament as are holding or have held high judicial office.

Lords of Appeal in Ordinary—Lords Macnaghten, Morris, Davey, and Robertson.

Court of Appeals—*Ex-Officio Judges*, The Lord High Chancellor, the Lord Chief Justice of England, the Master of the Rolls, and the President of the Probate, Divorce, and Admiralty Division. *Master of the Rolls*, Sir Nathaniel Lindley. *Lords Justices*, Sir Archibald Lewin Smith, Sir John Rigby, Sir Joseph W. Chitty, Sir Richard Henn Collins, Sir Roland Vaughn Williams, Sir Robert Romer.

High Court of Justice, Chancery Division—*President*, The Lord High Chancellor. *Justices*, Sir Ford North, Sir James Stirling, Sir Arthur Kekewich, Sir Edmund W. Byrne, Sir H. H. Cozens-Hardy, Sir George Farwell.

High Court of Justice, Queen's Bench Division—*Lord Chief Justice of England*, Lord Russell of Killowen. *Justices*, Sir James Charles Mathew, Sir John Charles Day, Sir Alfred Wills, Sir William Grantham, Sir John Compton Lawrance, Sir Robert Samuel Wright, Sir Gainsford Bruce, Sir William Rann Kennedy, Sir Edward Ridley, Sir John C. Bigham, Sir Charles John Darling, Sir Arthur M. Channel, Sir Walter Phillimore, Sir Thomas T. Bucknill.

High Court of Justice, Probate, Divorce, and Admiralty Division—*President*, Sir Francis Henry Jeune, K. C. B. *Justice*, Sir John Gorell Barnes.

Court of Arches—*Judge*, Sir Arthur Charles.

Bankruptcy Court—*Judge*, Sir R. S. Wright. *Registrars*, J. R. Brougham, H. S. Giffard, John E. Linklater, Herbert J. Hope, Henry J. Hood.

Commissioners in Lunacy—Earl Waldegrave, Sir J. E. Dorrington, Bart., J. D. Cleaton. *Legal*, Charles S. Bagot, William Edward Frere, George Harold Urmson. *Medical*, F. Needham, J. A. Wallis, Edward Marriott Cooke.

This and the following pages of information about the British Empire have been revised for The World Almanac for 1900 by the editor of Whitaker's Almanack, London.

THE BRITISH GOVERNMENT—*Continued.*

ARMY.

Commander-in-Chief.....Field-Marshal Viscount Wolseley, K. P.
Military Secretary—Major-Gen. Sir Coleridge Grove, K. C. B.
Adjutant-General—Gen. Sir Evelyn Wood.
Quartermaster-General — Lieut.-Gen. Sir Charles Mansfield Clark, Bart.
Director-General of Ordnance—Gen. Sir H. Brackenbury.
Director of Military Intelligence—Major-Gen. Sir John Charles Ardagh.
Director-General Medical Department—Surg.-Gen. James Jameson.
Inspector-General of Fortifications—Gen. Sir R. Harrison.
Inspector-General of Cavalry—Major-Gen. Henry F. Grant.
Chaplain-General—Rev. John Cox Edghill, D.D.

FIELD MARSHALS.

H. R. H. Duke of Cambridge, Hon. Col.-in-Chief.
H. R. H. Prince of Wales.
Sir John Lintorn Arabin Simmons, Colonel Commandant Royal Engineers.
Sir Frederick Paul Haines, Royal Scots Fusiliers.
Sir Donald Martin Stewart, Bart., Member of Indian Council and Governor of Chelsea Hospital.
Viscount Wolseley, Commander-in-Chief.
Lord Roberts of Kandahar, V. C., Commanding the Forces in Ireland.
H. H. Prince Edward of Saxe-Weimar, Colonel 1st Life Guards.

GENERALS—ACTIVE LIST.

H. R. H. Prince Christian of Schleswig-Holstein.
Sir Robert Biddulph.
H. R. H. Duke of Connaught.
John Hart Dunne.
Sir Henry Evelyn Wood, V. C.
Sir Richard Harrison, K. C. B.
Edward Francis Chapman, C. B.
Sir Arthur Jas. Lyon-Fremantle.
Sir Redvers Henry Buller, V.C.
Alexander Geo. Montgomery-Moore.
Sir W. Stephen Lockhart, Commander-in-Chief, India.
H. S. Anderson, C. B.
Sir Howard S. Jones.
William Percival Tomkins.
Nathaniel Stevenson.
H. R. H. Duke of Cumberland.
Godfrey Clerk.
George N. Channer, V. C.
Frederick G. Le Grand.
Sir Arthur P. Palmer.
Sir Henry B. Tuson.
Cuthbert C. Suther.
Sir Henry Brackenbury.
Sir Francis W. Grenfell.

NAVY.

LORDS COMMISSIONERS OF THE ADMIRALTY.—*First Lord*, Rt. Hon. George J. Goschen, M. P.; *Senior Naval Lord*, Vice-Admiral Lord Walter Talbot Kerr; *Second Naval Lord*, Rear-Admiral Archibald L. Douglas; *Third Naval Lord and Controller*, Rear-Admiral Arthur K. Wilson, V.C.; *Junior Naval Lord*, Rear-Admiral Arthur William Moore, C. B.; *Civil Lord*, J. Austen Chamberlain, M. P.

ADMIRALS OF THE FLEET.—Hon. Sir Henry Keppel, H. R. H. Alfred Duke of Saxe-Coburg-Gotha, Earl of Clanwilliam, Sir Algernon McLennan Lyons, Sir F. W. Richards, Sir Nowell Salmon, V. C. *Honorary Admirals of the Fleet.*—H. R. H. Prince of Wales, H. I. M. William II., German Emperor.

ADMIRALS.—Sir Michael Culme-Seymour, Bart.; Hon. Sir Edmund Robert Fremantle, Sir Henry Fairfax, Sir James Elphinstone Erskine, Loftus Francis Jones, Edward S. Adeane, C.M.G., Sir Richard E. Tracey, Sir Chas. F. Hotham, Lord Chas. T. Montagu-Douglas-Scott, Sir Robert H. More-Molyneux, Sir Nathaniel Bowden-Smith.

VICE-ADMIRALS.—Lord Walter Talbot Kerr, George Digby Morant, Sir Edward Hobart Seymour, Henry Craven St. John, Sir William Robert Kennedy, Sir John Arbuthnot Fisher, Sir Henry Frederick Stephenson, Charles George Fane, Sir Compton Edward Domville, Sir Frederick George Denham Bedford, Albert Hastings Markham, Alfred Taylor Dale, Sir Harry Rawson, Cyprian A. G. Bridge, Edmund C. Drummond, Charles S. Cardale, Sir John R. T. Fullerton, Ernest Rice.

FLAG-OFFICERS IN COMMISSION.

Nore, *Adm.* Sir N. Bowden-Smith.
Portsmouth, *Adm.* Sir M. Culme-Seymour, K.C.B.
Plymouth, *Adm.* Sir Henry Fairfax.
Queenstown, Ireland, *Rear-Adm.* A. P. M. Lake.
Channel Squadron, *Vice-Adm.* Sir Harry Rawson; *Rear-Adm.* A. D. Fanshawe.
Mediterranean, *Adm.* Sir John A. Fisher; *Rear-Adm.* Sir Gerard H. U. Noel (2nd).
N. Am. and W. Indies, *Vice-Adm.* Sir F. G. D. Bedford; *Comm.* W. H. Henderson, *Jamaica.*
China, *Vice-Adm.* Sir E. H. Seymour, K. C. B.; *Rear-Adm.* C. P. Fitz Gerald (2nd); *Comm.* Francis Powell, *Hong Kong.*
Pacific, *Rear-Adm.* L. A. Beaumont.
East Indies, *Rear-Adm.* D. H. Bosanquet.
Australia, *Rear-Adm.* Hugo L. Pearson.
Cape and W. Africa, *Rear-Adm.* Sir Robert Hastings Harris, K. C. B.
S. E. Coast America, *Capt.* R. L. Groome.
Training Squadron, *Comm.* Edmund S. Poë.
Supt., Portsmouth, *Rear-Adm.* P. Aldrich.
Supt., Devonport, *Rear-Adm.* T. S. Jackson.
Supt., Chatham, *Rear-Adm.* S. C. Holland.
Supt., Malta Dock, *Rear-Adm.* Rodney Maclaine Lloyd, C. B.
Supt., Naval Reserves, *Vice-Adm.* Sir Compton E. Domville.

THE ESTABLISHED CHURCH OF ENGLAND.

ENGLISH ARCHBISHOPS.

Trans.
1896. *Canterbury*, Frederick Temple, *b.* 1821.
Trans.
1891. *York*, William Dalrymple Maclagan, *b.* 1826.

ENGLISH BISHOPS.

App.
1896. *London*, Mandell Creighton, *b.* 1842.
1890. *Durham*, Brooke Foss Westcott, *b.* 1825.
1895. *Winchester*, Randall T. Davidson, *b.* 1848.
1890. *Bangor*, Daniel Lewis Lloyd, *b.* 1844.
1894. *Bath and Wells*, G. W. Kennion, *b.* 1846.
1897. *Bristol*, George Forrest Browne, *b.* 1833.
1892. *Carlisle*, John Wareing Bardsley, *b.* 1835.
1888. *Chester*, Francis John Jayne, *b.* 1845.
1895. *Chichester*, Ernest R. Wilberforce, *b.* 1840.
1885. *Ely*, Lord Alwyne Compton, *b.* 1825.
1885. *Exeter*, Edward H. Bickersteth, *b.* 1825.
1863. *Gloucester*, Charles John Ellicott, *b.* 1819.
1895. *Hereford*, John Percival, *b.* 1835.
1885. *Lincoln*, Edward King, *b.* 1829.
1891. *Lichfield*, Hon. Augustus Legge, *b.* 1839.
1880. *Liverpool*, John Charles Ryle, *b.* 1816.
1883. *Llandaff*, Richard Lewis, *b.* 1821.
App.
1886. *Manchester*, James Moorhouse, *b.* 1826.
1895. *Newcastle*, Edgar Jacob, *b.* 1845.
1893. *Norwich*, John Sheepshanks, *b.* 1834.
1888. *Oxford*, William Stubbs, *b.* 1825.
1896. *Peterborough*, Hon Edwd. Carr Glyn, *b.* 1843.
1884. *Ripon*, William Boyd Carpenter, *b.* 1841.
1895. *Rochester*, Edward Stuart Talbot, *b.* 1844.
1890. *St. Albans*, John Wogan Festing, *b.* 1835.
1889. *St. Asaph*, Alfred George Edwards, *b.* 1848.
1897. *St. David's*, John Owen, *b.* 1853.
1885. *Salisbury*, John Wordsworth, *b.* 1843.
1892. *Sodor and Man*, Norman D. J. Straton, *b.* 1840
1884. *Southwell*, George Ridding, *b.* 1828.
1891. *Truro*, John Gott, *b.* 1846.
1897. *Wakefield*, George Rodney Eden, *b.* 1853.
1891. *Worcester*, J. J. Stewart Perowne, *b.* 1823.

THE BRITISH GOVERNMENT—*Continued.*

DIPLOMATIC INTERCOURSE.

Countries.	British Representatives Abroad.	Foreign Representatives in England.
Argentine Republic	Hon. William A. C. Barrington	Don F. L. Dominguez.
Austria-Hungary	Sir Horace Rumbold, Bart., G. C. B.	Count Franz Deym.
Belgium	Hon. Sir F. R. Plunkett, G. C. M. G.	Baron Whettnall.
Brazil	Edmund C. H. Phipps, C. B.	Chevalier A. de Souza Corrêa.
Chile	Audley C. Gosling	A. Bascunan.
China	Major Sir Claude M. Macdonald, K. C. M. G.	Lo Fêng Luh, K. C. V. O.
Denmark	Sir Edmund D. Veitch Fane, K. C. M. G.	M. F. E. de Bille.
Ecuador	William Nelthorpe Beauclerk	Don Celso Nevares.
Egypt	Rt. Hon. Viscount Cromer, G. C. M. G.	
France	Rt. Hon. Sir Edmund J. Monson, G. C. B.	M. Paul Cambon.
German Empire	Rt. Hon. Sir Frank C. Lascelles, G. C. B.	Count von Hatzfeldt-Wildenburg.
Greece	Sir Edwin Henry Egerton, K. C. B.	M. Metaxas.
Guatemala	George F. Birt Jenner	Col. José Saborio.
Italy	Rt. Hon. Lord Currie, G. C. B.	Baron De Renzis di Montanaro.
Japan	Sir Ernest Mason Satow, K. C. M. G.	Takaaki Kato.
Mexico	Sir Henry Nevill Dering, Bart., C. B.	Manuel Eturbé.
Morocco	Sir Arthur Nicolson, K. C. I. E.	
Netherlands	Sir Henry Howard, K. C. B.	Baron Van Golstein van Oldenaller.
Persia	Sir Henry Mortimer Durand, K. C. S. I.	General Mirza Mohamed Ali Khan.
Peru	William Nelthorpe Beauclerk	Don José F. Canevaro.
Portugal	Sir Hugh G. MacDonell, K. C. M. G.	L. de Soveral, G. C. M. G.
Russia	Rt. Hon. Sir C. S. Scott, G. C. M. G.	M. Georges de Staal.
Servia	William Edward Goschen	M. Chedomile Mijatovitch.
Siam	George Greville, C. M. G.	Marquis Maha Yotha.
Spain	Rt. Hon. Sir Henry D. Wolff, G. C. B.	Count de Rascon.
Sweden and Norway	Hon. Sir Francis John Pakenham, K. C. M. G.	Count Carl Lewenhaupt.
Switzerland	Frederick Robert St. John	M. Charles Daniel Bourcart.
Turkey	Rt. Hon. Sir Nicolas R. O'Conor, G. C. B.	Costaki Pacha Anthropoulos.
United States	Rt. Hon. Lord Pauncefote, G. C. B.	Joseph H. Choate.
Uruguay	Walter Baring	Dr. Alberto Nin.

GOVERNMENT OF INDIA.

Viceroy and Governor-General.....The Rt. Hon. Lord Curzon of Kedleston, G. M. S. I., G. M. I. E.
Governor of Madras.....Sir Arthur Elibank Havelock, G. C. M. G., G. C. I. E.
Governor of Bombay.....Sir H. Stafford Northcote, Bart.
Lieutenant-Governor of Bengal.....Hon. Sir John Woodburn, K. C. S. I.

Secretaries to the Government of India.

Home.—John Prescott Hewett, C. I. E.

Revenue and Agriculture.—T. W. Holderness, C. S. I.

Finance and Commerce.—James Fairbairn Finlay, C. S. I.

Foreign.—Sir William John Cuningham, C. S. I.

Military.—Major-Gen. Pelham J. Maitland, C. B.

Public Works.—F. R. Upcott.

Agents to Governor-General: Central India, Lieut.-Col. D. W. K. Barr, C. S. I.; *Rajputana*, A. H. T. Martindale; *Baluchistan*, Hugh Shakespear Barnes, C. S. I.

Residents. Hyderabad, Sir T. J. C. Plowden, K. C. S. I.; *Mysore*, Lieut.-Col. Donald Robertson; *Cashmere*, Lieut.-Col. Sir Adelbert C. Talbot, K. C. I. E.; *Baroda*, Col. Norton Charles Martelli; *Nepal*, Col. H. Wylie, C. S. I.; *Gwalior*, Lieut.-Col. J. H. Newill.

Military Establishment.

Commander-in-Chief in India.—H. E. Gen. Sir William Stewart Alex. Lockhart, G. C. B.

Military Secretary, Col. F. S. Gwatkin.

Adjutant-General, Major-Gen. Sir W. G. Nicholson, K. C. B.

Quartermaster-General, Major-Gen. Alexander Robert Badcock, C. B., C. S. I.

Lieut.-Generals Commanding the Forces.

Madras.—Lieut.-Gen. Sir G. B. Wolseley, K. C. B.

Bombay.—Lieut.-Gen. Sir R. C. Low, G. C. B.

Bengal.—Lieut.-Gen. Sir George Luck, K. C. B.

Punjab.—Lieut.-Gen. Sir A. P. Palmer, K. C. B.

COLONIAL GOVERNORS.

New South Wales.—Earl Beauchamp, K. C. M. G.
Victoria.—Lord Brassey, K. C. B.
South Australia.—Rt. Hon. Lord Tennyson.
Queensland.—Lord Lamington, K. C. M. G.
West Australia.—Col. Sir Gerard Smith, K. C. M. G.
Tasmania.—Viscount Gormanston, K. C. M. G.
New Zealand.—The Earl of Ranfurly, K. C. M. G.
Cape Colony.—Sir Alfred Milner, G. C. M. G.
Natal.—Hon. Sir Walter F. Hely-Hutchinson.
Malta.—Gen. Sir F. W. Grenfell, G. C. B.
Gibraltar.—Gen. Sir Robert Biddulph, G. C. B.
Canada.—The Earl of Minto.
Newfoundland.—Lieut.-Col. Sir H. E. McCallum, K. C. M. G.
Jamaica.—Sir A. W. L. Hemming, K. C. M. G.
Barbados.—Sir James Shaw Hay, K. C. M. G.
Bahamas.—Sir G. T. Carter, K. C. M. G.
Bermudas.—Lieut.-Gen. George Digby Barker, C. B.
Trinidad.—Sir H. E. H. Jerningham, K. C. M. G.
British Guiana.—Sir W. J. Sendall, K. C. M. G.
Hong Kong.—Sir Henry A. Blake, G. C. M. G.
Ceylon.—Col. Rt. Hon. Sir Joseph West Ridgeway.
Fiji.—Sir G. T. M. O'Brien, K. C. M. G.
Sierra Leone.—Col. Sir Frederick Cardew, K. C. M. G.
Straits Settlements.—Sir Charles Bullen Hugh Mitchell, G. C. M. G.
Windward Islands.—Sir Alfred Moloney, K. C. M. G.
Leeward Islands.—Sir Francis Fleming, K. C. M. G.
Falkland Islands.—William G. Wilson, C. M. G.
Mauritius.—Sir Charles Bruce, K. C. M. G.
Gold Coast Colony.—Sir F. M. Hodgson, K. C. M. G.
British Honduras.—Col. David Wilson, C. M. G.
Lagos (West Africa).—Sir W. MacGregor, K. C. M. G.
Gambia (West Africa).—Sir R. B. Llewellyn, K. C. M. G.
Niger Coast (West Africa).—Sir R. D. R. Moor, K. C. M. G.
British East Africa.—Sir A. H. Hardinge, K. C. B.
Uganda.—Sir H. H. Johnston, K. C. B.

The British Parliament.

THE supreme legislative power of the British Empire is, by its constitution, vested in Parliament. This body consists of two houses, the Lords and the Commons.

THE HOUSE OF LORDS.

The House of Lords is composed of the whole Peerage of England and of the United Kingdom, and of certain representatives of the peerages of Scotland and Ireland, but many members of these latter have also English titles, which give them seats in the House. The Duke of Buccleuch sits as Earl of Doncaster, and the Duke of Leinster as Viscount Leinster. Exclusive of 1 baron, whose claim is not established, the House at present consists of 6 Princes of the Blood, 2 Archbishops, 22 Dukes, 22 Marquises, 123 Earls, 29 Viscounts, 24 Bishops, 317 Barons, 16 Scottish Representative Peers elected for each Parliament, and 28 Irish Representative Peers elected for life (1 Scottish and 2 Irish Representative Peers are also included as Peers of England)—in all, 587 members.

The Lord Chancellor of England is always the Speaker of the House of Lords.

A TABLE OF BRITISH DUKES.

Created.	Title.	Name.	Born.	Succeeded	Heir to Title.
1868	Abercorn*	James Hamilton, 2nd Duke	1838	1885	Marq. of Hamilton, s.
1881	Albany†	H R. H. Leopold, 2nd Duke (minor)	1884	1884	None.
1701	Argyll	George Douglas Campbell, 8th Duke	1823	1847	(*k*) Marq. of Lorne, s.
1703	Atholl‡	John J. H. H. Stewart-Murray, 7th Duke.	1840	1864	Marq. Tullibardine, s.
1682	Beaufort	H. A. W. Fitzroy Somerset, 9th Duke	1847	1899	Lord H. Somerset, b.
1694	Bedford	Herbrand Arthur Russell, 11th Duke	1858	1893	Marq. of Tavistock, s.
1673 (1684)	Buccleuch & Queensberry‡	Wm. H. W. Montagu-Douglas-Scott, 6th Duke (*a*)	1831	1884	Earl of Dalkeith, s.
1801	Cambridge†	H. R. H. George William Frederick, 2nd Duke	1819	1850	None.
1874	Connaught†	H. R. H. Arthur William Patrick, 1st Duke	1850	....	Prince Arthur, s.
1841 (1469)	Cornwall & Rothesay†	H. R. H. Albert Edward, Prince of Wales	1841	...	Duke of York, s.
1799	Cumberland†	H. R. H. Ernest Augustus, 3rd Duke (*b*)	1845	1878	Earl of Armagh, s.
1694	Devonshire	Spencer C. Cavendish, 8th Duke	1833	1891	Victor Cavendish, n.
1866	Edinburgh†	H. R. H. Alfred Ernest Albert, 1st Duke	1844	....	Prince Alfred, s.
1889	Fife	Alex. William George Duff, 1st Duke (*c*)	1849	....	None.
1675	Grafton	Aug. Charles Lennox Fitzroy, 7th Duke (*d*)	1821	1882	Earl of Euston, s.
1643	Hamilton‡ and Brandon	Alfred D. Douglas-Hamilton, 13th Duke	1862	1895	Percy D. Hamilton, c.
1694	Leeds	George Godolphin Osborne, 10th Duke	1862	1895	Lord Fras. Osborne, b.
1766	Leinster*	Maurice Fitzgerald, 6th Duke (minor)	1887	1893	Lord D. Fitzgerald, b.
1719	Manchester	William Augustus Drogo Montagu (*e*)	1877	1892	Lord C. Montagu, u.
1702	Marlborough	Chas. R. J. Spencer-Churchill, 9th Duke (*f*)	1871	1892	Marq. of Blandford, s.
1707	Montrose‡	Douglas B. M. R. Graham, 5th Duke	1852	1874	Marq. of Graham, s.
1756	Newcastle	Henry P. A. Pelham-Clinton, 7th Duke	1864	1879	Lord H. Pelham-Clinton-Hope, b.
1438	Norfolk	Henry Fitzalan Howard, 15th Duke (*g*)	1847	1860	Earl Arundel & S., s.
1766	Northumberland	Henry George Percy, 7th Duke	1846	1899	Earl Percy, M. P., s.
1716	Portland	W. J. A. Cavendish-Bentinck, 6th Duke	1857	1879	Marq. of Titchfield, s.
1675 (1676)	Richmond & Gordon & Lennox‡	Charles H. Gordon-Lennox, 6th Duke (*h*).	1818	1860	Earl of March, s.
1707	Roxburghe‡	Henry John Innes-Ker, 8th Duke	1876	1892	Lord A. R. Innes-Ker, b
1703	Rutland	John J. Robert Manners, 7th Duke	1818	1888	Marq. of Granby, s.
1684	St. Albans	Charles V. de Vere Beauclerk, 11th Duke (*i*).	1870	1898	Ld Osborne Beauclerk, b
1547	Somerset	Algernon St. Maur, 15th Duke	1846	1894	Lord Percy St. Maur, b.
1833	Sutherland	Crom. Sutherland-Leveson-Gower, 4th Duke	1851	1892	Marq. of Stafford, s.
1814	Wellington	Henry Wellesley, 3rd Duke (*j*)	1846	1884	Lord A. C. Wellesley, b.
1874	Westminster	Hugh Richard Arthur Grosvenor, 2nd Duke	1879	1899	Lord A. Grosvenor, u.
1892	York†	H. R. H. George Frederick Ernest, 1st Duke	1865	....	Pr. Edward of York, s.

s, son; b, brother; gs, grandson; c, cousin; n, nephew, u, uncle.

* Irish Dukes. † Royal Dukes. ‡ Scotch Dukes. (*a*) Eighth Duke of Queensberry, descendant of the Duke of Monmouth, son of King Charles II. (*b*) Son of King George V., of Hanover. (*c*) Husband of the Princess Louise, eldest daughter of the Prince of Wales. (*d*) Descendant of Henry Fitzroy, first Duke, son of King Charles II. and Barbara Villiers. (*e*) His mother was Miss Yznaga, of New York. (*f*) His wife was Miss Consuelo Vanderbilt, daughter of William K. Vanderbilt, of New York. (*g*) Premier Duke. (*h*) Descendant of Charles Lennox, first Duke, son of King Charles II. and Louise-Renée de Queronailles. (*i*) Descendant of Charles Beauclerk, first Duke, son of King Charles II. and Nell Gwynne. (*j*) Grandson of the great Duke of Wellington, the victor of Waterloo. (*k*) Husband of Princess Louise, sixth child of Queen Victoria.

THE HOUSE OF COMMONS.

The present House of Commons consists of 670 members—465 for England, 30 for Wales, 72 for Scotland, and 103 for Ireland.

The division of parties in the House of Commons, returned in the general elections of July, 1895, was as follows: Conservatives, 340; Liberal-Unionists, 71; Gladstone Liberals, 177; Nationalists, 71; Parnellites, 11; the ministerial majority being 152; it is now about 140, owing to bye-elections.

The Speaker of the House is the Rt. Hon. William Court Gully, Q. C., M. P. for Carlisle.

Population of Great Britain and Ireland.

CENSUS OF 1891.

ENGLAND.

Counties.	Population.	Counties.	Population.	Counties.	Population.	Counties.	Population.
Bedford	160,704	Essex	785,445	Monmouth	252,416	Suffolk	371,235
Berks	238,709	Gloucester	599,947	Norfolk	454,516	Surrey	1,731,343
Bucks	185,284	Hampshire	690,097	Northampton	302,183	Sussex	550,446
Cambridge	188,961	Hereford	115,949	Northumberland	506,030	Warwick	805,072
Chester	730,058	Hertford	220,162	Nottingham	445,823	Westmoreland	66,098
Cornwall	322,571	Huntingdon	57,751	Oxford	185,669	Wiltshire	264,997
Cumberland	266,549	Kent	1,142,324	Rutland	20,659	Worcester	413,760
Derby	528,033	Lancaster	3,926,760	Shropshire	236,329	York	3,208,828
Devon	631,808	Leicester	373,584	Somerset	484,337	Total	27,483,490
Dorset	194,517	Lincoln	472,878	Stafford	1,083,408		
Durham	1,016,559	Middlesex	3,251,671				

SCOTLAND.

Aberdeen	284,036	Edinburgh	434,276	Linlithgow	52,808	Roxburgh	53,500
Argyll	74,085	Elgin	43,471	Nairn	9,155	Selkirk	27,712
Ayr	226,386	Fife	190,365	Orkney and Shetland	59,164	Stirling	118,021
Banff	61,684	Forfar	277,735	Peebles	14,750	Sutherland	21,896
Berwick	32,290	Haddington	37,377	Perth	122,185	Wigtown	36,062
Bute	18,404	Inverness	90,121	Renfrew	230,812	Zetland	....
Caithness	37,177	Kincardine	35,492	Ross and Cromarty	78,727	Total	4,025,647
Clackmannan	33,140	Kinross	6,673				
Dumbarton	98,014	Kirkcudbright	39,985				
Dumfries	74,245	Lanark	1,105,899				

WALES.

Anglesey	50,098	Carnarvon	118,204	Merioneth	49,212	Radnor	21,791
Brecon	57,031	Denbigh	117,872	Montgomery	58,003	Total	1,519,035
Cardigan	62,630	Flint	77,277	Pembroke	89,133		
Carmarthen	130,566	Glamorgan	687,218				

IRELAND.

LEINSTER.		Westmeath	65,109	ULSTER.		CONNAUGHT.	
Carlow	40,936	Wexford	111,778	Antrim	471,179	Galway	214,712
Dublin	419,216	Wicklow	62,136	Armagh	143,289	Leitrim	78,618
Kildare	70,206	MUNSTER.		Cavan	111,917	Mayo	219,034
Kilkenny	87,261	Clare	124,483	Donegal	185,635	Roscommon	114,397
King's	65,563	Cork	438,432	Down	224,008	Sligo	98,013
Longford	52,647	Kerry	179,136	Fermanagh	74,170	Total	4,704,750
Louth	71,038	Limerick	158,912	Londonderry	152,009		
Meath	76,987	Tipperary	173,188	Monaghan	86,206		
Queen's	64,883	Waterford	98,251	Tyrone	171,401		

The population returns are from "The Statesman's Year-Book." The total population, including army, navy, and merchant seamen abroad (224,211), is 38,104,973.

The City of London.

Lord Mayor.	*Ald.*	*Shff.*	*Mayor*
Alfred James Newton	1890	1888	1899
Aldermen.			
Sir John Whittaker Ellis, Bart.	1872	1874	1881
Sir Henry Edmund Knight, Kt.	1874	1875	1882
Sir Reg. Hanson, Bt., LL.D., M.P.	1880	1881	1886
Sir Joseph Savory, Bart., M.P.	1883	1882	1890
Sir David Evans, K.C.M.G.	1884	1885	1891
Sir Stuart Knill, Bart., LL.D	1885	1889	1892

Aldermen.	*Ald.*	*Shff.*	*Mayor*
Sir George Robert Tyler, Bart.	1887	1891	1893
Sir Joseph Renals, Bart.	1885	1893	1894
Sir Walter Henry Wilkin, K.C.M.G.	1888	1894	1895
Sir George Faudel Faudel-Phillips, Bart., G.C.I.E.	1888	1884	1896
Col. Sir H. D. Davies, M.P.K., C.M.G	1889	1887	1897
Sir John Voce Moore, Kt.	1889	1893	1898

All the above have passed the Civic Chair.

Frank Green	1891	1897	....
Sir Joseph Cockfield Dimsdale, Kt.	1891	1893	....
Marcus Samuel	1891	1894	....
James Thomson Ritchie	1891	1896	....
John Pound	1892	1895	....
Walter Vaughan Morgan	1892	....	....
William Purdie Treloar	1892	1899	....
John Charles Bell	1894	....	....

George Wyatt Truscott	1895	....	....
Frederick Prat Alliston	1895	1898	....
Richard Clarence Halse	1896	....	....
Samuel Green	1897	....	....
John C. Knill	1897	....	....
Thomas Vesey Strong	1897	....	....
Thomas Boor Crosby, M. D.	1898	....	....

The Lord Mayor has an annual salary of £10,000, or $50,000.

Population of London.

London Within Various Boundaries.	Area in Statute Acres.	Population. 1881.	1891.	1896.
Within the Registrar-General's Tables of Mortality	74,672	3,815,544	4,211,743	4,411,710
Within the Limits of the County of London	75,442	3,834,194	4,232,118	4,433,018
London School Board District	75,442	3,834,194	4,232,118	4,433,018
City of London within Municipal and Parliamentary Limits	671	50,658	37,705	31,148
Metropolitan Parliamentary Boroughs (including the City)	75,442	3,834,194	4,232,118	4,433,018
Metropolitan and City Police Districts	443,421	4,766,661	5,633,806	.....

The German Government.

(For the Ministry, see page 368.)

POLITICAL DIVISIONS IN THE REICHSTAG.

Parties.	Number of Members.	Parties.	Number of Members.
German Conservatives	54	Liberal Union	12
Imperialists	23	Liberal People's Party	29
National Social Reform Party (Anti-Semites)	9	National People's Party	8
Centre (Clericals)	104	Social Democrats	55
Poles	14	Alsatian (meaning Anti-German)	8
National Liberals	48	Independent (unclassified)	30
		Total (with two vacancies)	396

The largest group, the Clericals or Centre, represents mainly the Rhine districts and South Germany. The Conservatives, though sometimes in opposition, especially on agrarian questions, are regarded as the ministerial party, and with them are allied the National Liberals and some smaller groups, insuring the government a majority.

THE ARMY.

The Commander-in-Chief is the Emperor.

Field-Marshal-Generals—Count von Blumenthal, Prince George of Saxony, Prince Albrecht of Prussia, Grand Duke Frederick of Baden, Grand Duke Charles Alexander of Saxony, Baron von Loë, Count von Waldersee, Prince Leopold of Bavaria.

General Staff, Chief—Count von Schlieffen.

Corps Commanders—*First Corps*, Eastern Prussia, Königsberg, General Count Finck von Finckenstein; *Second Corps*, Pomerania, Stettin, Lieutenant-General von Langenbeck; *Third Corps*, Berlin, General von Lignitz; *Fourth Corps*, Magdeburg, General von Klitzing; *Fifth Corps*, Posen, General von Bomsdorff; *Sixth Corps*, Breslau, General Hereditary Prince of Saxe-Meiningen; *Seventh Corps*, Münster, General von Mikusch-Buchberg; *Eighth Corps*, Coblenz, General Hereditary Grand Duke Frederick of Baden; *Ninth Corps*, Altona, Lieutenant-General von Massow; *Tenth Corps*, Hanover, General von Seebeck; *Eleventh Corps*, Cassel, General von Wittich; *Twelfth Corps*, Dresden, Field-Marshal-General Prince George of Saxony; *Thirteenth Corps*, Stuttgart, General von Lindequist; *Fourteenth Corps*, Carlsruhe, Vacant; *Fifteenth Corps*, Strassburg, General Baron von Falkenstein; *Sixteenth Corps*, Metz, General Count von Haeseler; *Seventeenth Corps*, Dantzic, General von Lentze; *First Bavarian Army Corps*, Munich, General Prince Arnulf of Bavaria; *Second Bavarian Army Corps*, Würzburg, General Ritter von Xylander. *Commander of the Guards*—General von Bock u. Polach.

The French Government.

(For the Ministry, see page 368.)

President.....Emile Loubet.

The annual allowance to the President of the Republic is 600,000 francs, with a further allowance of 600,000 francs for his expenses.

NATIONAL ASSEMBLY.

SENATE.—*President*, M. Fallières; *Vice-Presidents*, MM. Magnin, de Verruinac, Berenger, Deniole, and Franck-Chauveau; *Secretary-General*, M. Sorel.

CHAMBER OF DEPUTIES.—*President*, M. Paul Deschanel; *Secretary-General*, M. Eugene Pierre.

The number of Senators is 300, and they are at present politically divided into about 250 Republicans and 50 representatives of the various shades of the opposition.

The Deputies number 585, and are divided into the following groups: Moderate Republicans (Progressists), ministerialist, forming the Centre and led by, in addition to the ministry, MM. Poincaré, Ribot, Rouvier, 285; Groupe Isambart, a fusion of the Centre and Left, led by MM. Isambart and Bazille, corresponding to moderate Radicals, 115; Radicals, forming the Left or Opposition, led by MM. Brisson, Bourgeois, Mesureur, de la Porte, Dujardin-Beaumetz, and Lockroy, 55; Socialists, forming the Extreme Left, led by MM. Millerand and Viviani, 40; Radical-Socialists, led by MM. Goblet and Camille Pelletan, 33; Anti-Semites and Nationalists, led by MM. Drumont, Millevoye, and Mouirand, 30; Ralliés, Constitutional Right, monarchical converts to Republicanism, and now closely identified with the Progressists, led by Comte de Mun, Count de l'Entourbeillon, Count Greffulhe, and Baron de Mackau, 15; Monarchists and Imperialists, led by MM. Cochin, de l'Aigle, de Cassagnac, Prince de Lèon, and Prince d'Arenberg, 12.

THE ARMY.

Military Governor of Paris—General Brugére.

Corps Commanders—*First Corps*, Lille, General Jeannerod; *Second Corps*, Amiens, General Des Gareta; *Third Corps*, Rouen, General Langlois; *Fourth Corps*, Mans, General Mercièr; *Fifth Corps*, Orleans, General de Longuemar; *Sixth Corps*, Chalons, General Kessler; *Seventh Corps*, Besançon, General Pierron; *Eighth Corps*, Bourges, General Godart; *Ninth Corps*, Tours, General Riff; *Tenth Corps*, Rennes, General Lucas; *Eleventh Corps*, Nantes, General Renouard; *Twelfth Corps*, Limoges, General Guioth; *Thirteenth Corps*, Clermont-Ferrand, General Jacquemin; *Fourteenth Corps*, Lyons, General Zédé; *Fifteenth Corps*, Marseilles, General Metzinger; *Sixteenth Corps*, Montpelier, General Faure-Biguet; *Seventeenth Corps*, Toulouse, General de Sesmaisons; *Eighteenth Corps*, Bordeaux, General Varaigne; *Nineteenth Corps*, Algiers, General Larchey; *Twentieth Corps*, Nancy, General Laplace.

THE NAVY.

Commanders of Squadrons and Naval Stations—Mediterranean West, Vice-Admiral Fornier; Mediterranean Reserve, Rear-Admiral Godin; Northern, Vice-Admiral Sallandrouze de Lamornaix; Atlantic, Rear-Admiral Escande; Pacific, Captain Marquis; Eastern, Rear-Admiral Courrejolles; Cochin China, Captain Reculoux; Indian Ocean, Captain Huguet; Algiers, Rear-Admiral Servan; Cherbourg, Vice-Admiral de Maigret, Commandant; Brest, Vice-Admiral Barrera, Commandant; Lorient, Vice-Admiral Menard, Commandant; Rochefort, Vice-Admiral Prouhet, Commandant; Toulon, Vice-Admiral de la Jaille, Commandant.

The Russian Government.

(For the Ministry, see page 368.)

COUNCIL OF THE EMPIRE.

President.....His Imperial Highness the Grand Duke Michael Nicolaěvitch.

THE ARMY.

The Commander-in-Chief is the Emperor.

Commanders of Military Conscriptions—First Conscription, Transbaikalia, Lieutenant-General Grodekoff. *Second Conscription*, Caucasus, General of Infantry Prince G. S. Golitzin. *Third Conscription*, Finland, Adjutant-General General of Infantry Bobrikoff. *Fourth Conscription*, Eastern Siberia, Vacant. *Fifth Conscription*, Kazan, General of Infantry Mestcherinoff. *Sixth Conscription*, Kiew, General Dragomiroff. *Seventh Conscription*, Moscow, H. I. H. the Grand Duke Sergius Alexandrovitch. *Eighth Conscription*, Odessa, General of Cavalry Count Moussine-Poushkin. *Ninth Conscription*, Western Siberia, General of Cavalry Baron Taube. *Tenth Conscription*, St. Petersburg, H. I. H. the Grand Duke Vladimir Alexandrovitch. *Eleventh Conscription*, is now a part of the Turkestan Conscription. *Twelfth Conscription*, Turkestan, Lieutenant-General Doukhovskol. *Thirteenth Conscription*, Poland, Adjutant-General General of Infantry H. S. H. Prince Imeretinsky. *Fourteenth Conscription*, Vilna, General of Infantry Trotzky.

THE NAVY.

Commander-in-Chief, H. I. H. the Grand Duke Alexis Alexandrovitch.

The Italian Government.

(For the Ministry, see page 368.)

PARLIAMENT.

President of the Senate—Signor Saracco. *President of the Chamber of Deputies*—Signor Chinaglia.

THE ARMY.

Chief of Staff—General Saletta.

Corps Commanders—Turin, Lieutenant-General Besozzi; Alessandria, Lieutenant-General Ferrero; Verona, Lieutenant-General Corvetto; Bologna, Lieutenant-General Mirri; Ancona, Lieutenant-General Baldissera; Florence, Lieutenant-General Cadorna; Rome, Lieutenant-General Tournon; Naples, Lieutenant-General H. R. H. Prince of Naples; Bari, Lieutenant-General Rugiù; Palermo, Lieutenant-General Abate; Piacenza, Lieutenant-General Leone Pelloux; Milan, Lieutenant-General Bava-Beccaris.

COMMANDERS OF MILITARY DIVISIONS.

1. Turin, Lieutenant-General Ottolenghi; 2. Novara, Lieutenant-General Prielli; 3. Alessandria, Lieutenant-General Rasini di Mortigliengo; 4. Cuneo, Lieutenant-General Fecia di Cossato; 5. Milan, Lieutenant-General Osio; 6. Brescia, Lieutenant-General Pistoia; 7. Piacenza, Lieutenant-General Marras; 8. Genoa, Lieutenant-General Tonini; 9. Verona, Lieutenant-General Guy; 10. Padua, Lieutenant-General Stevensons; 11. Bologna, Lieutenant-General Barrilis; 12. Ravenna, Lieutenant-General Manacorda; 13. Ancona, Lieutenant-General Gazzurelli; 14. Chieti, Lieutenant-General Riva; 15. Florence, Lieutenant-General Aymonino; 16. Leghorn, Lieutenant-General Heusch; 17. Rome, Lieutenant-General Pedotti; 18. Perugia, Lieutenant-General Valles; 19. Naples, Lieutenant-General Malacria; 20, Salerno, Lieutenant-General Bogliolo; 21. Bari, Lieutenant-General Onesti; 22. Catanzaro, Lieutenant-General La Halle; 23. Palermo, Lieutenant-General Appellius; 24 Messina, Lieutenant-General Gobbo; 25. Sardegna, Lieutenant-General Rogier.

THE NAVY.

Admiral—H. R. H. Prince Thomas, Duke of Genoa. *Commanders of Squadrons—Active*, Vice-Admiral Magnaghi; *Reserve*, Vice-Admiral Morin; *Oceanic*, Vice-Admiral Candiani; *Instruction*, Rear-Admiral Marchese.

The Austrian-Hungarian Government.

(For the Ministry, see page 368.)

THE AUSTRIAN REICHSRATH.

President of the House of Lords—Prince Alfred Windischgrätz *President of the House of Deputies*—Dr. Victor von Fuchs. *Vice-Presidents*—Professor Pientak, Johann Lupul.

THE HUNGARIAN REICHSTAG.

President of the House of Magnates—Count Tibor Karolyi. *President of the House of Representatives*—Desiderius Szilagy. *Vice-President*—Baron Bela Vay.

THE ARMY.

The Commander-in-Chief is the Emperor.

Corps Commanders—First Corps, Cracow, L. F. M., Baron E. Albori; *Second Corps*, Vienna, Count Üxküll-Gyllenband, F. Z. M.; *Third Corps*, Graz, L. F. M., E. von Šukovatti; *Fourth Corps*, Buda-Pesth, L. F. M., Prince R. Lobkowitz; *Fifth Corps*, Presburg, L. F. M., Archduke Frederick; *Sixth Corps*, Kaschau, F. L. M., Ludwig Fabini; *Seventh Corps*, Temesvar, L. F. M., Schwitzer von Bayershelm; *Eighth Corps*, Prague, F. Z. M., Count Grünne; *Ninth Corps*, Josefstadt, F. M. L. Globus; *Tenth Corps*, Przemysl, F. Z. M., Anton Galgotzy; *Eleventh Corps*, Lemberg, L. F. M., Ferdinand Fiedler; *Twelfth Corps*, Hermannstadt, F. Z. M., Probszt Edler von Ohstorff; *Thirteenth Corps*, Agram, G. D. C., Baron A. Bechtoldsheim; *Fourteenth Corps*, Tunsbrück, F. Z. M., Von Hold; *Fifteenth Corps*, Sarajewo, G. D. C., Baron von Appel.

GOVERNORS OF PROVINCES.

Lower Austria—Count E. Kielmansegg. Upper Austria—Baron v. Puthon. Bohemia—Count Carl Coudenhove. Bukowina—Baron F. Bourgoing. Carinthia—Ritter von Fraydenegg. Carniola—Baron Victor v. Hein. Dalmatia—Military Commander E. David E. v. Rhonfeld. Galicia—Prince Eustachius Sanguszko. Coast Land (Gorice, Istria, Trieste)—Count Leopold Goëss. Moravia—Baron Alois Spe[illegible]-Boden. Salzburg—Count St. Julien-Wallsee. Silesia—Count Joseph Thün. Styria—Vacant. Tirol and Vorarlberg—Count Franz Merveldt.

Dominion of Canada.

Governor-General (Salary, $50,000) ..... THE EARL OF MINTO.

MINISTRY.

The salary of each member of the Dominion Cabinet holding a portfolio is $7,000 per annum, except the Premier, who receives $8,000. The present ministry was sworn into office July 11, 1896. It is liberal in politics.

Premier and President of the Privy Council—Rt. Hon. Sir Wilfred Laurier, G. C. M. G.
Secretary of State—Hon. Richard W. Scott (Senator).
Minister of Trade and Commerce—Hon. Sir Richard Cartwright, G.C.M.G.
Minister of Justice—Hon. David Mills.
Minister of Marine and Fisheries—Hon. Sir Louis H. Davies, K. C. M. G.
Minister of Militia and Defence—Hon. Fred. W. Borden.
Postmaster-General—Hon. William Mulock.
Minister of Agriculture—Hon Sydney A. Fisher.
Minister of Public Works—Hon. Joseph I. Tarte.
Minister of Finance—Hon. William S. Fielding.
Minister of Railways and Canals—Hon. A. J. Blair.
Minister of the Interior—Hon. Clifford Sifton.
Minister of Customs—Hon. Wm. Paterson.
Minister of Inland Revenue—Hon. Sir Henri G. Joly de Lotbiniere, K.C.M.G.
Without Portfolio—Hon. Richard R. Dobell.
" " Hon. James Sutherland.

NOT IN CABINET.

Solicitor-General—Hon. Charles Fitzpatrick.

The Senate (Dominion Parliament) is composed of 80 members, Hon. Sir C. A. P. Pelletier, K. C. M. G., Speaker, whose salary is $4,000. Each Senator receives a sessional indemnity of $1,000 and mileage. The House of Commons is composed of 213 members, Hon. Thomas Bain, Speaker, whose salary is $4,000. Each member of the House receives a sessional indemnity of $1.000 and mileage. The members of the House of Commons are elected under the several Provincial Franchises, in accordance with a Federal act passed in 1898. The Senators are appointed for life by the Crown on the nomination of the Governor-in-Council.

AREA, POPULATION, AND SEATS OF GOVERNMENT, AND LIEUTENANT-GOVERNORS OF THE PROVINCES.

PROVINCES.	Area, Square Miles.*	Population, 1891.	Seats of Government.	Lieutenant-Governors.	Appointed.
Alberta	100,000	25 278	Regina	Hon. A. E. Forget	1898
Assiniboia	90,340	30,374	Regina	" " "	1898
Athabaska	251,300	.	Regina	" " "	1898
British Columbia	383,300	98,173	Victoria	Hon. Thos. R. McInnes	1897
Manitoba	73,956	†152,506	Winnipeg	Hon. J. C. Patterson	1895
New Brunswick	28,200	321,270	Fredericton	Hon. A. R. McClelan	1896
Nova Scotia	20,600	450,523	Halifax	Hon. M. B. Daly (2d term)	1890
Ontario	222,000	2,114,475	Toronto	Hon. Sir Oliver Mowat, G. C. M. G.	1897
Prince Edward Island	2,000	109,088	Charlottetown	Hon. P. A. MacIntyre	1899
Quebec	347,350	1,488,586	Quebec	Hon. L. A. Jetté	1898
Saskatchewan	114,000	11,146	Regina	Hon. A. E. Forget	1898
Mackenzie, Ungava, and Franklin	1,019,200	31,462	Regina	" " "	1898
Yukon	198,300	.....	.....	.....	....
Keewatin	756,000	.....	.....	.....	....
Great Lakes & Rivers.	47,400	.....	.....	.....	....
Total	3,653,946	4,823,875			

*Land and water included in area. †187,926 by census of 1896.

High Commissioner in London, England, Lord Strathcona and Mount Royal, G. C M. G. Salary, $10,000.

The Dominion of Canada has an area of 3,653,946 (including the Hudson Bay) square miles, and comprises one-sixteenth of the land surface of the globe. It is the largest of all the British possessions, Australia, the next in size, containing 2,944,628 square miles. The Government of Canada is Federal, centred at Ottawa, which city is the capital of the Dominion, while the provinces and the Northwest Territories have their respective local Legislatures. The head of the Federal Government is the Governor-General, appointed by the Queen of Great Britain, and holding office for five years, his salary being paid by the Dominion Government.

The Lieutenant-Governors of the several provinces are appointed by the Federal Government for a term of five years. The Legislatures are elected by the people of each province. The highest Court in the Dominion is the Supreme Court, composed of a Chief Justice and five Judges, each of whom receives a salary of $7,000 per annum, except the Chief Justice, who is paid an additional $1,000. From the decisions of this Court the only tribunal to which appeal can be made is to the Judicial Committee of the Imperial Privy Council of Great Britain. The only other Federal Court is the Exchequer Court, presided over by a single Judge, for trying cases connected with the revenue. All others are of a provincial character, limited to jurisdiction in their respective provinces only.

FINANCES.

Revenue (financial year ending June 30, 1898), $40,555,238, of which $22,157,788 was from customs; $7,884,001 from excise; $4,686,650 from post-office; $3,873.464 from public works, including government railways; $1,513,455 from interest on investments, and $975.792 from Dominion lands.

The expenditure on account of consolidated fund was $39,991,366, of which $13,076,624 was for interest; $1,399,422 for civil government; $765,608 for administration of justice; $729,829 for legislation; $474,217 for light-house and coast service; $589,773 for mail subsidies and steamship subventions; $952,584 for Indians; $441,725 for fisheries; $136,442 for

DOMINION OF CANADA—*Continued.*

geological survey and observatories; $382,476 for arts, agriculture, quarantine. and statistics; $1,514,472 for militia and defence; $1,857,627 for public works; $4,237,372 for subsidies to provinces; $4,734,252 for post-office; $4,239,765 for railways and canals; $971,320 for collecting customs revenue; $140,553 for ocean and river service; $261,195 for immigration; $865,416 for mounted police.

NATIONAL DEBT.

The gross public debt of Canada on June 30, 1898, amounted to $338,375,984, of which $227,958,836 is payable in London, England, and the remainder in Canada. Among the amounts payable in Canada are government savings banks deposits, $50,111,119, and Dominion notes, $22,178,193. The total assets counted against gross public debt amount to $74,419,582, of which amount $40,876,158 are sinking funds.

MILITIA.

The total strength of the Canadian militia June 30, 1898-99, was 36,650 men. including 2,461 cavalry, 1,734 field artillery, 2,378 garrison artillery, 328 engineers, 28,516 infantry. Attached to the military schools and colleges there are 986 men, who constitute the permanent force of Canada.

TRADE.

Exports fiscal year (1897-98): To British Empire, $110,782,055; United States, $45,702,678; Germany, $1,837,448; France, $1,025,262; Belgium, $973,944, Spanish West Indies, $1,179,459; China, $363,191; Japan, $148,728; Holland, $376,439: South America, $1,045,605; Hawaiian Islands, $137,062. Total exports, $164,152,683.

Imports fiscal year (1897-98): From British Empire, $34,935,051; United States, $86,900,702; Germany, $5,763,784; France, $4,090,827; Japan, $1,458,233; Belgium, $1,450,197, China, $882,534; Spain and possessions, $1,108,183; South America, $1,299,188; Greece, $168,586; Dutch East Indies, $251,319; Italy, $516,250; Switzerland, $352,098, Holland, $415,769. Total imports, $140,323,053.

Of the merchandise imported for home consumption, $74,625,088 was dutiable, and $56,072,918 free.

Imports of gold amounted to $4,390,844, and the exports to $3,577,415.

BANKS.

Chartered banks (September 30, 1899): Capital paid up, $64,517,248; reserve fund, $29,591,762; making total banking capital, $94,110,000; circulation redemption fund, $1,927,206. Total assets, $427,870,875; total liabilities, $331,908,896; notes in circulation, $46,682,028; deposits, $271,875,685; loans and discounts, $289,418,281.

Deposits in savings banks (1898): Post-office, $34,480,938; Government, $15,630,181; special, $15,482,100. Total, $65,593,219.

RAILWAYS.

Canada has a network of railways, the total mileage of which at the end of June, 1898, was 16,870 miles.

FISHERIES.

The following is a statement of the money value of the fisheries within the Dominion of Canada, 1871-97 inclusive:

1871	$7,573,199.85	1880	$14,499,980.00	1889	$17,655,256.00
1872	9,570,116.05	1881	15,817,163.00	1890	17,725,000.00
1873	10,547,402.44	1882	16,824,092.00	1891	18,979,000.00
1874	11,681,886.20	1883	16,958,192.00	1892	18,942,000.00
1875	10,350,385.29	1884	17,776,404.24	1893	20,686,661.00
1876	11,117,000.00	1885	17,722,973.18	1894	20,719,573.00
1877	12,005,934.00	1886	18,672,288.00	1895	20,185,298.00
1878	13,215,686.00	1887	18,386,103.00	1896	20,407,424.00
1879	13,529,153.00	1888	17,418,510.00	1897	22,783,546.00

GENERAL STATISTICS.

Post-offices (year ended June 30, 1898), 9,282; number of letters mailed, 163,128,000. Tonnage of sea-going vessels entered and cleared, 12,585,485 tons register; tonnage of shipping engaged in the coasting trade, 29,633,950 tons; tonnage of shipping engaged in the Great Lakes carrying between Canada and the United States, 12,160,631 tons registered, carrying as freight 2,432,084 tons weight and 488,716 tons measured; vessels built and registered, 278; tonnage, 24,522; light-houses, 816.

POPULATION OF CITIES, CENSUS OF 1891.

Montreal, 216,650; Toronto, 181,220; Quebec, 63,090; Hamilton, 48,980; Ottawa, 44,154; St. John, 39,179; Halifax, 38,556; London, 31,977; Winnipeg, 25,642; Kingston, 19,264; Victoria, B. C., 16,841; Vancouver, B. C., 13,685; St. Henri, 13,415; Brantford, 12,753; Charlottetown, 11,374; Hull, 11,265; Guelph, 10,539; St. Thomas, 10,370; Windsor, 10,322; Sherbrooke, 10,110; Belleville, 9,914; Peterboro, 9,717; Stratford, 9,501; St. Cunégonde, 9,293; St. Catharines, 9,170; Chatham, Ont., 9,052; Brockville, 8,793; Moncton, 8,765; Woodstock, Ont., 8,612; Trois Rivières, 8,334; Galt, 7,535; Owen Sound, 7,497; Berlin, 7,425; Lévis, 7,301; St. Hyacinthe, 7,016; Cornwell, 6,805; Sarnia, 6,693; Sorel, 6,669; New Westminster, 6,641; Fredericton, 6,502; Dartmouth, N. S., 6,249; Yarmouth, 6,089; Lindsay, 6,081; Barrie, 5,550; Valleyfield, 5,516; Truro, 5,102; Port Hope, 5,042.

These pages of Canadian statistics were revised for THE WORLD ALMANAC for 1900 by George Johnson, Esq., F. S. S., Statistician of the Department of Agriculture, Dominion of Canada.

China.

THE OPENING OF THE EMPIRE TO COMMERCE.

(From the Report of the Bureau of Statistics of the Treasury Department, 1899.)

THE more rapid development of the privileges of foreigners in China and of the introduction of modern commercial methods dates from the treaty of Shimonoseki, made between China and Japan in 1895 at the close of the war between those nations, and followed by a commercial treaty in 1896. The important features of these treaties were that they opened the waters of the principal rivers and canals to citizens of other nations, giving foreigners the right to purchase goods or produce in the interior of China, to rent warehouses without the payment of special taxes or exactions, and to engage freely in all kinds of manufacturing industries in the treaty ports, also to import all kinds of machinery, paying only the stipulated import duties thereon, and upon products manufactured by them in China, paying only such inland transit dues as are leviable on imported merchandise (the latter provision having been somewhat modified, however, by the commercial treaty).

While the China-Japan treaty specifically conferred these provisions only on Japanese subjects, they at once became applicable to the subjects of other nations having full treaty relations with China under the "most favored nation" principle. The prompt result of this was a movement from all parts of the business world in the direction of China, and the establishment of business and manufacturing industries, not only in the old treaty ports, but in the new ones which were opened by the Japanese treaty, and by subsequent action of the Chinese Government. This was followed by other evidences of a disposition to adopt modern methods. The railroad from Peking to Tientsin was quickly completed by the Chinese Government, and agreements made looking to the construction by foreign capital of other lines thousands of miles in length, telegraphs were extended; electric roads, electric lights, and telephones introduced in the principal cities; mining and manufacturing concessions freely granted; the West River, which penetrates Southern China from Canton westward, was opened to commerce, and, finally, small steamers under foreign control were given permission to penetrate to the interior limits of navigation on all the rivers of the provinces containing treaty ports.

The effect of this is already seen in the establishment of factories and business houses, the construction of railroads, the extension and multiplication of steam navigation lines, and the opening of mines in the great sections where the iron and coal deposits are said to be the greatest in the known world.

CONCESSIONS OBTAINED BY FOREIGN GOVERNMENTS.

On November 4, 1897 the German Government seized the port of Kiaochau, on the northeastern coast of China, asserting as the cause of its action the desire to obtain satisfaction for the murder of German missionaries by Chinese on November 1 of that year. This port was held by a German warship until the announcement of a treaty with China by which the port of Kiaochau and adjacent territory were leased to Germany for a term of ninety-nine years, the German Government being given the right to land troops, construct fortifications, and establish a coaling and naval station, while German subjects were to have the right to construct railways, open mines, and transact business in the rich mineral and agricultural province of Shantung in which Kiaochau is located, Chinese vessels, however, to have the same privileges in the port of Kiaochau that the German Government might decide to give to other nations.

One month later, on December 22, 1897 the Russian Government obtained permission for its naval squadron to winter at Port Arthur on the Liaotung Peninsula, which it had, with Germany and France, in 1895 required Japan to abandon. On March 27, 1898 an agreement was signed by the Chinese Government by which Port Arthur and the adjacent port of Talienwan were leased for a term of twenty-five years to the Russian Government, the lease to be subsequently extended by mutual agreement. This lease included 800 square miles of territory and all harbors between Port Arthur and Talienwan, the harbor of Port Arthur and a part of Talienwan to be for the sole use of Russian and Chinese men of war, Russia to have the privilege of extending its trans-Siberian railroad line through Manchuria to Port Arthur and Talienwan and to protect the same, during and after its construction, by Russian troops.

This action, by which the northern side of the entrance to the Gulf of Pechili, leading to the capital of China, was placed under control of Russia, being unsatisfactory to the British Government, a lease of the harbor of Weihaiwei, on the opposite or southern side of the entrance to the Gulf of Pechili, was made to Great Britain on April 2 of the same year, 1898, the lease to be upon the same terms as that by which Port Arthur was granted to Russia and to continue as long as Russia should occupy the peninsula of Liaotung. Weihaiwei was occupied by Great Britain May 24, 1898, permission being given also to occupy the islands of the Bay of Linkung and a strip of land 10 miles broad along its entire length, with the privilege of erecting fortifications and occupying the adjacent coast for military and naval purposes, the walled city of Weihaiwei, lying within these limits, however, to remain under control of the Chinese Government. On June 9, 1898, a lease was also made by England of an area of about 200 square miles on the mainland opposite its island of Hong Kong and surrounding the Chinese city of Kowloon, which city, however, was to remain under Chinese jurisdiction, the lease to continue for a term of ninety-nine years.

The concessions of territory to Germany, Russia, and England led to a demand for similar privileges by the French Government, and on April 13, 1898, the Chinese Government leased to France the harbor of Kwangchauwan, in the Leichau Peninsula, on the southern coast, near to the French possession of Tonkin, and protecting in some degree the Gulf of Tonkin. This lease was also accompanied by the privilege of connecting the French territory of Tonkin with the Chinese province of Yunnan and the city of Yunnanfu, the harbor of Kwangchauwan to be used as a naval station. The lease was for ninety-nine years and similar in terms to that made with the German Government for Kiaochau, carrying with it exclusive mining privileges in the area to be traversed by the proposed railroads. In view of this agreement, Great Britain therefore assumes that she has now the right to extend her Burmese railroads into the province of Yunnan, in southwest China, through an agreement made with China January 15, 1896, by which all privileges to France or Great Britain in the provinces of Yunnan and Szechuan should be given to both countries.

These concessions to Germany, Russia, Great Britain and France, which followed each other so rapidly in 1897 and 1898, were followed in March, 1899, by a demand by the Italian Government for similar privileges at the port of San Mun, and in April, 1899, somewhat similar demands are reported to have been made by Japan regarding certain territory on the coast opposite her island of Formosa.

In all of the above cases the countries obtaining possession of these ports have announced that at least a portion of each port will be freely open to the commerce of all nations (Port Arthur excepted), and the German Government has already arranged for the location of Chinese custom-houses at the docks which it is building at Kiaochau in order to permit goods passing to or from the interior of China to be examined and pay duty at that point, and a re-examination at the limits of the German territory thus obviated.

Australian Federation.

MOVEMENT for a federation of the Australian colonies began as far back as 1852, but the first convention having that purpose in view was held at Hobart in January, 1886. The colonies represented wer. Victoria, Queensland, Tasmania, Western Australia, and Fiji. South Australia sent a representative to a subsequent meeting. This effort was abortive, but another conference took place in 1891 at Sydney, N. S. W., which was attended by seven delegates from each of the colonies, except New Zealand, which sent three. Sir Henry Parkes, the Australian statesman, took an active part in the proceedings. A plan of federal government was proposed, which resembled in many of its features that of the United States. A draft bill to constitute the "Commonwealth of Australia" was adopted by the convention, and it was agreed to submit it to the approval of the individual legislatures of the several colonies. This bill met with success in the lower branch of but one colonial legislature—that of Victoria.

There was a conference of premiers of five Australian colonies held at Hobart in January, 1895, and the legislative assembly of New South Wales passed a federal enabling act in November of that year, and notice of motion was given in other parliaments to bring in a similar bill. But the first practical movement toward federation was effected early in 1898. A convention of representatives of five colonies—New South Wales, Victoria, Tasmania, South Australia, and Western Australia (Queensland and New Zealand not represented)—succeeded in drafting a constitution, which was submitted to the popular vote of each of those colonies in June. The constitution provided for a governor-general appointed by the Crown, a federal parliament composed of the Crown, represented by the governor-general, a senate, and a house of representatives. The powers of the parliament were set forth in thirty-nine articles, and covered trade with other countries, taxation, coinage, weights and measures, foreign corporations, pensions, arbitration, etc. Free trade between the states was recognized. The effort received a check in 1898 by the unwillingness of New South Wales. But by a popular vote in 1899 all six of the contracting colonies, New South Wales, Victoria, South Australia, Queensland, Western Australia, and Tasmania, gave their adhesion to the plan. New Zealand is not included, but will be taken in later, as will probably Fiji and British New Guinea. The assent of the Parliament of Great Britain will be necessary, but that will not be denied, and the confederation will doubtless present itself to Parliament when the South African war is over.

The following table shows the population and area of the several colonies of which it is proposed to make a nation. The figures are from the census of 1891:

COLONIES.	Area in Square Miles.	Population.	COLONIES.	Area in Square Miles.	Population.
New South Wales	310,700	1,132,234	Tasmania	26,215	146,667
Victoria	87,884	1,140,405	New Zealand	104,032	626,658
South Australia	903,690	320,431	Fiji	7,423	125,402
Queensland	668,497	393,718	British New Guinea	234,768	350,000
Western Australia	903,690	49,782	Total	3,246,729	4,285,297

Division of Africa

AMONG THE EUROPEAN POWERS.

	Area.	Population.		Area.	Population.
BRITISH AFRICA: Basutoland, Bechuanaland Protectorate. Cape Colony, Central Africa, East Africa Protectorate, Uganda Protectorate, Zanzibar Protectorate, Mauritius, Natal, Niger Coast Protectorate, Territory of the Royal Niger Company, South Africa, West Africa, Zululand and Islands*	2,417,755	39,833,953	GERMAN AFRICA: Togoland. Cameroons, South West Africa, East Africa	920,920	10,200,000
FRENCH AFRICA: Algeria, Senegal, French Soudan and the Niger, Gaboon and Guinea Coast, Congo Region, Somali Coast, Madagascar and Islands	1,232,454	18,073,890	ITALIAN AFRICA: Eritrea, Somaliland	278,500	850,000
			PORTUGUESE AFRICA: Angola, the Congo, Guinea, East Africa and Islands	735,304	4,431,970
			SPANISH AFRICA: Rio de Oro, Adrar, Fernando Po and Islands	243,877	136,000
			TURKISH AFRICA: Tripoli and the Mediterranean Coast, Egypt*	798,738	8,117,265
			CONGO INDEPENDENT STATE. (Under the sovereignty of the King of the Belgians)	900,000	30,000,000
			Total	7,697,548	113,243,070

* Egypt and the Egyptian Soudan, although nominally under the suzerainty of Turkey, are really controlled by Great Britain, and it is only a matter of time as to when they will be incorporated into the British Empire. Adding Egypt and the Soudan to the Empire would increase the figures above given to 2,817,755 square miles and 46,651,218 population.

The two Boer South African republics are not included in the British area, although Great Britain claims suzerainty and is fighting to establish it or for complete absorption.

The remaining territory of Africa unoccupied is a part of the great Desert of Sahara and the Independent States of Abyssinia and Liberia. Even this territory, except the last, is destined to pass under the power of the Europeans. The tabular figures are from "The Statesman's Year-Book."

Egyptian (British) and French territory in the Soudan, according to British claims, touch along the line of the 27th degree of latitude. Prior to the revolt of the Mahdi in 1882 Egypt claimed Darfar, Kordofan, Senaar, Taka, the Equatorial Province, and the Bahr-el-Ghazal Province. Though authority over these was lost by the success of the Mahdi, Egypt did not relinquish her claim, and her full authority was resumed by the victories of General Kitchener in 1898. The French were disposed to dispute these claims and assert a right to territory as far east as the banks of the Nile, thus covering the Bahr-el-Ghazal Province. Hence the appearance of Major Marchand at Fashoda on the Nile, many miles south of Khartoum. But this position the French have now abandoned.

Central and South American Trade.

IMPORTS AND EXPORTS.

Countries.	Year	Imports.	Exports.	Countries.	Year	Imports.	Exports.
Argentine Republic	1898	$107,428,900	$133,829,458	Hayti	1897	$6,363,798	$12,549,848
Bolivia	1897	10,840,000	10,242,000	Honduras	1898	1,166,441	1,235,952
Brazil	1895	145,900,000	171,200,000	Mexico	1898	50,869,194	138 478,137
Chile	1898	102,262,058	168,069,431	Nicaragua	1898	2,789,366	3,098,231
Colombia	1897	18,136,598	16,820,411	Paraguay	1897	2,203,359	1,955,803
Costa Rica	1898	4,258,896	5,659,218	Peru	1898	7,849,765	13,527,066
Dominican Republic	1897	1,824,375	2,709,805	Salvador	1896	1,650,444	3 690,276
Ecuador	1897	7.525,692	12,968,609	Uruguay	1898	24,784,356	30,276,914
Guatemala	1898	3,880,668	15,377,460	Venezuela	1897	13,241,000	17,996,252

The above returns, and those of population following, were furnished THE WORLD ALMANAC by the Director of the Bureau of the American Republics, Washington, D. C.

POPULATION ACCORDING TO LATEST ESTIMATES.

Argentine Republic (official)	4,000,000	Honduras (estimate)	420,000
Bolivia (estimate)	2,500,000	Mexico (official)	12,570,195
Brazil (official)	18,000,000	Nicaragua (estimate)	420,000
Chile (official)	3,500,000	Paraguay (estimate)	600,000
Colombia (estimate)	4,600,000	Peru (estimate)	3,000,000
Costa Rica (official)	309,683	Salvador (official)	800,500
Ecuador (estimate)	1,300,000	Dominican Republic (estimate)	600,000
Guatemala (official)	1,535,632	Uruguay (official)	840,750
Hayti (estimate)	1,211,625	Venezuela (official)	2,444,816

The Bureau of the American Republics at Washington was established under the recommendation of the late International American Conference, for the prompt collection and distribution of commercial information concerning the American Republics. It publishes translations of the tariffs of the countries of Latin America reduced to the United States equivalents; also handbooks of these countries, and a monthly bulletin containing the latest information respecting their resources, commerce, and general features. Replies are also furnished to inquiries in relation to the commercial and other affairs of the countries, and items of news giving recent laws of general interest, development of railways, agriculture, mines, manufactures, shipping, etc., are given to the press. The Bureau is sustained by contributions from the several American Republics in proportion to their population. The Director is William Woodville Rockhill, and Chief Clerk Williams C. Fox.

National League for Good Roads.

ORGANIZED 1892. *Acting President* and *Vice-President*—General Roy Stone, Washington, D. C. *Acting Secretary*—Charles Freeman Johnson, San Francisco, Cal. *General Western Secretary*—S. Thornton K. Prime, Dwight, Ill. *General Eastern Secretary*—E. G. Harrison, C. E., Washington, D. C., Department of Agriculture. The purposes of the League are "to awaken general interest in the improvement of public roads, determine the best methods of building and maintaining them, secure the legislation, State or National, that may be necessary for their establishment and support, and conduct or foster such publications as may serve these purposes."

The State and Interstate Good Roads and Improvement Association, a Western organization, is also doing good work. The officers are William H. Moore, St. Louis, Mo., President; R. C. Harki, Trenton, Mo., Secretary, and with its numerous auxiliaries it has 100,000 members.

League of American Wheelmen.

President—Thomas J. Keenan, Jr., Pittsburgh, Pa; *First Vice-President*—Herbert W. Foltz, Indianapolis, Ind.; *Second Vice-President*—Robert T. Kingsbury, Keene, N. H.; *Treasurer*—J. C. Tattersall, Box 329, Trenton, N. J.; *Secretary*—Abbot Bassett, 530 Atlantic Avenue, Boston, Mass. *Racing Board*—Fred. Gerlach, Chicago, Ill.; Arthur W. Robinson, Boston, Mass.; C. A. Dimon, Philadelphia, Pa.; J. W. Brigman, Louisville, Ky.; W. I. Doty, Denver, Col.; W. B. Curtis, New York City.

Any amateur (white) wheelman, of good character, eighteen years of age or over, with the indorsement of two League members, is eligible to membership. Dues are $2 first year, and $1 subsequent years. Members have privileges obtained by Cyclists' Touring Club, in Europe, and by Canadian Wheelmen's Association, in Canada.

State Constitutions.

DATES OF PRESENT STATE CONSTITUTIONS.

States.	Year.	States.	Year.	States.	Year.	States.	Year.
Alabama	1875	Kansas	1859	Nevada	1864	South Carolina	1895
Arkansas	1874	Kentucky	1891	New Hampshire	1793	South Dakota	1889
California	1879	Louisiana	1898	New Jersey	*1844	Tennessee	1870
Colorado	1876	Maine	1875	New Mexico Ter.	§1850	Texas	1816
Connecticut	1818	Maryland	1867	New York	†1894	Utah	1896
Delaware	1897	Massachusetts	1780	North Carolina	1875	Vermont	1793
Florida	1885	Michigan	1850	North Dakota	1889	Virginia	1869
Georgia	1877	Minnesota	1858	Ohio	1851	Washington	1889
Idaho	1890	Mississippi	1891	Oregon	1859	West Virginia	1872
Illinois	1870	Missouri	1875	Pennsylvania	‡1873	Wisconsin	1848
Indiana	1851	Montana	1889	Rhode Island	1842	Wyoming	1889
Iowa	1857	Nebraska	1875				

* New Jersey Constitution was adopted June 29, 1844, amended September 28, 1875. † New York Constitution was adopted November 6, 1894, and became operative January 1, 1895. ‡ Pennsylvania Constitution was adopted November 3, 1873, and became operative January 1, 1874. § Organic act.

Mexico.

President (Salary, $50,000).....GENERAL PORFIRIO DIAZ.

MINISTRY.

The salary of each member of the Cabinet is $15,000.

Secretary of Foreign Affairs—Señor Don Ignacio Mariscal.

Secretary of the Interior—Señor General Don Manuel G. Cosio.

Secretary of Justice and Public Instruction—Señor Don Joaquin Baranda.

Secretary of Improvements—Señor Don Manuel Fernandez Leal.

Secretary of Finances—Señor Don José Ives Limantour.

Secretary of War and Navy—Señor General Don Felipe B. Berriozabal.

Secretary of Communications and Commerce—Señor General Don Francisco Z. Mena.

AREA, POPULATION, CONSTITUTION, AND GOVERNMENT.

STATES AND TERRITORIES.	Area Square Miles.	Population.	Capitals.	STATES AND TERRITORIES.	Area Square Miles.	Population.	Capitals.
Aguas Calientes.	2,951	103,645	Aguas Calientes.	Queretaro.....	3,558	227,233	Queretaro.
Campeche	18,091	88,121	Campeche.	San Luis Potosi..	25,323	570,814	San Luis Potosi.
Chiapas	27,230	315,120	San Cristobal.	Sinaloa.....	33,681	258,845	Culiacan.
Chihuahua.....	87,828	266,831	Chihuahua.	Sonora	76,922	191,281	Hermosillo.
Coahuila	62,375	235,638	Coahuila.	Tabasco	10,075	134,794	S. Juan Bautista
Colima	2,273	55,677	Colima.	Tamaulipas.....	32,585	208,102	Ciudad Victoria.
Durango	38,020	294,366	Durango.	Tepic (Ter.).....	11,279	148,776	Tepic.
Guanajuato.....	11,374	1,047,238	Guanajuato.	Tlaxcala	1,595	166,803	Tlaxcala.
Guerrero	25,003	417,621	Chilpancingo.	Vera Cruz.....	29,210	855,975	Vera Cruz.
Hidalgo	8,920	548,039	Pachuca.	Yucatán	35,214	298,039	Merida.
Jalisco	31,855	1,107,863	Guadalajara.	Zacatecas	24,764	452,720	Zacatecas.
Mexico..... ...	9,250	837,737	Toluca.	L.California(Ter)	58,345	42,245	La Paz.
Michoacán.....	22,881	889,795	Morelia.	Federal District.	463	484,608	City of Mexico.
Morelos	2,774	159,800	Cuernavaca.	Islands.....	1,561	.....	.....
Nuevo Leon.....	24,324	309,252	Monterey.				
Oaxaca.....	35,392	882,529	Oaxaca.	Total.....	767,316	12,578,861	
Puebla	12,207	979,723	Puebla.				

The present Constitution of Mexico bears date February 5, 1857, with subsequent amendments. By its terms Mexico is considered a Federative Republic, divided into States, nineteen at the outset, but at present twenty-seven in number, with two Territories and one Federal District, each having a right to manage its own local affairs, while the whole are bound together in one body politic by fundamental and constitutional laws. The powers of the Federal Government are divided into three branches—the legislative, executive, and judicial. The legislative power is vested in a Congress, consisting of a House of Representatives and a Senate; the executive in a President, and the judicial in Federal Courts. Representatives elected by the suffrage of all male adults, at the rate of one member for 40,000 inhabitants, hold their places for two years. The qualifications requisite are to be twenty-five years of age and a resident in the State. The Senate consists of two members from each State, of at least thirty years of age, who hold their places for four years. Senators are elected indirectly, half of them being renewed every two years. The members of both Houses receive salaries of $3,000 each a year.

The President is elected by electors popularly chosen in a general election, holds office for four years, and, according to the last Amendment of the Constitution, there will be no prohibition to his re-election. In case of his sudden disability, the Secretary of Foreign Affairs officiates in his place; in case of leave, death, or permanent disability, Congress elects a pro tempore President, who acts until, in either of the two last cases, a President is elected by the people. Congress has to meet annually from September 16 to December 15, and from April 1 to May 31, and a permanent committee of both Houses sits during the recesses.

FINANCE AND COMMERCE.

The Federal revenue collected during the fiscal year ended June 30, 1899, exceeded $59,000,000; disbursements were about $52,000,000; value of imports year ended June 30, 1899, $50,869,194; value of exports, $148,453,834.

ARMY AND NAVY.

The army consists of infantry, 22,964; engineers, 766; artillery, 2,304; cavalry, 8,454; rural guards of police, 2,365; gendarmerie, 250; total, 37,103. There are over 3,000 officers. There is a fleet of two unarmored gun-vessels, each of 450 tons and 600 horse-power, and armed with 20-pounders, one training-ship of 1,221 tons armed with four 4.72-guns, two 57 m-m guns and two 32 m-m guns, and three small gunboats.

NATIONAL DEBT.

The external debt, contracted in London, is £16,500,000, and the total debt of the country was in 1897, in gold, $114,675,895.49; in silver, $88,549,111.80. Total, $203,225,067.34.

INTERNAL IMPROVEMENTS.

Miles of railway in operation, 8,307; miles of telegraph line, about 42,500; post-offices, 1,770.

This information about Mexico, compiled mainly from the bulletins of the Bureau of American Republics, Washington, D. C., was corrected to date for THE WORLD ALMANAC at the office of the Mexican Embassy at Washington.

Largest Cities of the Earth.

POPULATION ACCORDING TO THE LATEST OFFICIAL CENSUSES.

Cities.	Census Year.	Population.	Cities.	Census Year.	Population.	Cities.	Census Year.	Population.
London	1891	4,211,056	Dublin	1891	245,001	Toulouse	1896	149,963
New York (Greater)*	est.	3,300,000	Nagoya, Japan	1896	242,085	Altona, Prussia	1895	148,944
Paris	1896	2,536,834	New Orleans	1890	242,039	Ahmadabad	1891	148,812
Berlin	1895	1,677,304	Pittsburgh	1890	238,617	Providence	1895	145,472
Canton	est.	1,600,000	Bucharest	1894	232,000	Bagdad	est.	145,000
Vienna	1891	1,364,548	Washington	1890	230,392	Rochester*	1892	144,834
Tokio, Japan	1896	1,299,941	San Paulo, Brazil	....	230,000	Seville	1887	143,182
St. Petersburg	1897	1,267,023	Frankfort-on-Main	1895	229,279	Bremen	1895	141,894
Philadelphia (municp)	1892	1,142,653	Genoa	1897	228,862	Stettin	1895	140,724
Chicago†	1890	1,099,850	Bristol, England	1891	221,578	Omaha	1890	140,452
Peking	est.	1,000,000	Hong Kong	1891	221,441	St. Paul	1895	140,292
Moscow	1897	988,614	Benares	1891	219,467	Fez, Morocco	est.	140,000
Brooklyn*	1892	957,163	Montreal	1891	216,650	Elberfeld	1895	139,337
Constantinople	1895	873,560	Bradford, England	1891	216,361	Oporto	1890	138,860
Calcutta	1891	861,764	Lille	1896	215,276	Saratoff, Russia	1897	137,109
Bombay	1891	821,764	Newark, N. J.	1895	215,406	Amritsar, India	1891	136,766
Buenos Ayres	1895	663,854	Magdeburg	1895	214,424	St. Etienne	1896	136,030
Warsaw	1897	638,209	Nottingham	1891	213,877	Strasburg	1895	135,608
Hamburg	1895	625,552	Teheran	1881	210,000	Malaga	1887	134,016
Glasgow	1891	618,052	Florence	1897	209,540	Adelaide	1891	133,220
Cairo, Egypt	1897	570,062	Hanover	1895	209,535	Kansas City	1890	132,715
Brussels	1898	551,011	Detroit	1890	205,876	Charlottenburg, Prussia	1895	132,377
Naples	1897	536,073	West Ham, England	1891	204,903	Kazan	1897	131,508
Rio de Janeiro†	1890	522,651	Milwaukee	1890	204,468	Oldham	1891	131,463
Liverpool	1891	517,980	Hull	1891	200,044	Sunderland	1891	131,015
Buda-Pesth	1891	505,763	Bangkok, Siam	est.	200,000	Catania	1897	129,651
Manchester, England	1891	505,368	Damascus	est.	200,000	Cardiff	1891	128,915
Osaka, Japan	1896	503,690	Seoul, Korea	est.	200,000	Lemberg	1891	128,419
Amsterdam	1897	503,285	Smyrna	1885	200,000	Colombo	1891	127,836
Boston	1895	494,205	Havana	1887	198,270	Aleppo	est.	127,000
Melbourne	1891	490,900	Salford, England	1891	198,139	Barmen	1895	126,992
Rome	1897	487,066	The Hague	1897	196,325	Dantzic	1895	125,605
Birmingham, England	1891	478,113	Minneapolis	1895	192,833	Roubaix	1896	124,661
Milan	1897	470,558	Delhi	1891	192,579	Nantes	1896	123,902
Madrid	1887	470,283	Mandelay	1891	188,815	Aberdeen	1891	123,327
Lyons	1896	466,028	Cawnpore	1891	188,712	Valparaiso	1895	122,447
Madras	1891	452,518	Newcastle	1891	186,300	Ekaterinoslav	1897	121,216
St. Louis	1890	451,770	Kobe, Japan	1896	184,192	Bareilly, India	1891	121,039
Marseilles	1896	442,239	Prague	1891	184,109	Goteborg, Sweden	1897	120,552
Baltimore	1890	434,440	Jersey City	1895	182,981	Blackburn	1891	120,064
Haidarabad	1891	415,039	Toronto	1891	181,220	Bogota	1886	120,000
Munich	1895	407,307	Bangalore	1891	180,366	Beyrout	est.	120,000
Odessa	1897	405,041	Rangoon	1891	180,324	Rostov-on-Don	1897	119,889
Leipzig	1895	399,963	Tabriz, Persia	1881	180,000	Havre	1896	119,470
Sydney	1891	383,390	Yokohama	1896	179,502	Meerut	1891	119,390
Shanghai	est.	380,000	Lahore	1891	176,854	Srinagar	1891	118,960
Breslau	1895	373,169	Dusseldorf	1895	175,985	Nagpur	1891	117,014
Leeds	1891	367,505	Allahabad	1891	175,246	Howrah, India	1891	116,606
Turin	1897	351,855	Kharkoff, Russia	1897	174,341	Baroda	1891	116,420
Mexico City	1895	344,377	Leicester	1891	174,624	Halle-on-Saal	1895	116,304
Kioto, Japan	1896	341,110	Bahia	1890	174,412	Brighton	1891	115,873
Dresden	1895	336,440	Konigsberg	1895	172,796	Brunswick, Germany	1895	115,138
Sheffield	1891	324,243	Valencia	1887	170,763	Bolton	1891	115,002
Cologne	1895	321,564	Agra	1891	168,662	Gratz	1891	113,540
Alexandria	1897	319,766	Liege	1898	167,305	Rouen	1896	113,219
Lodz, Poland	1897	315,209	Patna	1891	165,192	Astrakhan	1897	113,001
Copenhagen	1890	312,859	Nuremberg	1895	162,386	Pernambuco	1890	111,556
Lisbon	1890	301,206	Poona	1891	161,390	Athens	1896	111,486
San Francisco	1890	298,997	Louisville	1890	161,129	Dortmund, Germany	1895	111,232
Rotterdam	1897	298,433	Ghent	1898	161,125	Tula, Russia	1897	111,043
Cincinnati	1890	296,908	Chemnitz	1895	161,071	Aachen	1895	110,551
Stockholm	1897	288,609	Vilna	1897	159,588	Surat	1891	109,229
Palermo	1897	287,972	Portsmouth, England	1891	159,251	Kishineff	1897	108,796
Riga	1897	282,943	Jaipur	1891	158,905	Rheims	1896	107,963
Buffalo*	1892	278,796	Trieste	1891	158,344	Hiroshima	1896	107,685
Lucknow	1891	273,028	Stuttgart	1895	158,321	Preston	1891	107,573
Barcelona	1887	272,481	Venice	1897	155,899	Krefeld	1895	107,245
Antwerp	1898	271,284	Dundee	1891	155,671	Denver	1890	106,713
Edinburgh	1891	264,796	Manila, Philippines	1887	154,062	Indianapolis	1890	105,436
Cleveland	1890	261,353	Bologna	1897	153,206	Allegheny	1890	105,287
Bordeaux	1896	256,906	Tunis	....	153,000	Karachi	1891	105,199
Santiago, Chile	1895	256,403	Messina	1897	152,648	Leghorn	1897	104,536
Belfast	1891	255,950	Zurich	1897	151,394	Gwalior	1891	104,068
Montevideo	....	249,251	Kristiania	1891	151,339	Lima	1891	103,956
Kieff	1897	247,432	Salonica, Turkey	est.	150,000	Johannesburg	1896	102,078

*New York State census of 1892. The population of the territory embraced within the limits of "Greater New York" is about 3,300,000. The New Jersey suburbs of New York have a population of about 500,000, which is not included in the estimate. † There has been no official census of Chicago since 1890. For the present Mayor's estimate see page 395. ‡ Official estimate. The statistics of population of largest cities of the earth other than those of the United States have been taken mainly from the "Statesman's Year-Book" for 1899. For cities of the United States see page 394.

NOTE.—The population of Chinese cities other than Canton, Peking, and Shanghai is omitted, because reports respecting it are utterly untrustworthy. There are forty or more Chinese cities whose inhabitants are numbered by rumor at from 200,000 to 1,000,000 each, but no official censuses have ever been taken; and setting aside consideration of the Oriental tendency to exaggeration, there is reason to believe that the estimates of population in many instances covered districts of country bearing the same names as the cities, instead of definite municipalities.

Population of the United States,*

AT EACH CENSUS FROM 1790 TO 1890.

(Compiled from the Reports of the Superintendents of the Census.)

STATES AND TERRITORIES.	1810.	1820.	1830.	1840.	1850.	1860.	1870.	1880.	1890.
Alabama	....	127,901	309,527	590,756	771,623	964,201	996,992	1,262,595	1,513,017
Arizona	....	....	....	....	....	....	9,658	40,440	59,620
Arkansas	....	14,255	30,388	97,574	209,897	435,450	484,471	802,525	1,128,179
California	....	....	....	....	92,597	379,994	560,247	864,694	1,208,130
Colorado	....	....	....	....	....	34,277	39,864	194,327	419,198
Connecticut	261,942	275,148	297,675	309,978	370,792	460,147	537,454	622,700	746,258
Dakota	....	....	....	....	....	4,837	14,181	135,177	....
Delaware	72,674	72,749	76,748	78,085	91,532	112,216	125,015	146,608	168,493
D. of Columbia	24,023	33,039	39,834	43,712	51,687	75,080	131,700	177,624	230,392
Florida	....	....	34,730	54,477	87,445	140,424	187,748	269,493	391,422
Georgia	252,433	340,985	516,823	691,392	906,185	1,057,286	1,184,109	1,542,180	1,837,353
Idaho	....	....	....	....	....	....	14,999	32,610	84,385
Illinois	12,282	55,162	157,445	476,183	851,470	1,711,951	2,539,891	3,077,871	3,826,351
Indiana	24,520	147,178	343,031	685,866	988,416	1,350,428	1,680,637	1,978,301	2,192,404
Iowa	....	....	....	43,112	192,214	674,913	1,194,020	1,624,615	1,911,896
Kansas	....	....	....	....	....	107,206	364,399	996,096	1,427,096
Kentucky	406,511	564,135	687,917	779,828	982,405	1,155,684	1,321,011	1,648,690	1,858,635
Louisiana	76,556	152,923	215,739	352,411	517,762	708,002	726,915	939,946	1,118,587
Maine	†228,705	298,269	399,455	501,793	583,169	628,279	626,915	648,936	661,086
Maryland	380,546	407,350	447,040	470,019	583,034	687,049	780,894	934,943	1,042,390
Massachusetts	472,040	522,159	610,408	737,699	994,514	1,231,066	1,457,351	1,783,085	2,238,943
Michigan	4,762	5,765	31,639	212,267	397,654	749,113	1,184,059	1,636,937	2,093,889
Minnesota	....	....	....	....	6,077	172,023	439,706	780,773	1,301,826
Mississippi	40,352	75,448	136,621	375,651	606,526	791,305	827,922	1,131,597	1,289,600
Missouri	20,845	66,557	140,455	383,702	682,044	1,182,012	1,721,295	2,168,380	2,679,184
Montana	....	....	....	....	....	....	20,595	39,159	132,159
Nebraska	....	....	....	....	....	28,841	122,993	452,402	1,058,910
Nevada	....	....	....	....	....	6,857	42,491	62,266	45,761
New Hampshire	214,460	244,022	269,328	284,574	317,976	326,073	318,300	346,991	376,530
New Jersey	245,562	277,426	320,823	373,306	489,555	672,035	906,096	1,131,116	1,444,933
New Mexico	....	....	....	....	61,547	93,516	91,874	119,565	153,593
New York	959,049	1,372,111	1,918,608	2,428,921	3,097,394	3,880,735	4,382,759	5,082,871	5,997,853
North Carolina	555,500	638,829	737,987	753,419	869,039	992,622	1,071,361	1,399,750	1,617 947
North Dakota	....	....	....	....	....	....	....	....	182,719
Ohio	230,760	581,295	937,903	1,519,467	1,980,329	2,339,511	2,665,260	3,198,062	3,672,316
Oklahoma	....	....	....	....	....	....	....	....	61,834
Oregon	....	....	....	....	13,294	52,465	90,923	174,768	313,767
Pennsylvania	810,091	1,047,507	1,348,233	1,724,033	2,311,786	2,906,215	3,521,951	4,282,891	5,258,014
Rhode Island	76,931	83,015	97,199	108,830	147,545	174,620	217,353	276,531	345,506
South Carolina	415,115	502,741	581,185	594,398	668,507	703,708	705,606	995,577	1,151,149
South Dakota	....	....	....	....	....	....	....	....	328,808
Tennessee	261,727	422,771	681,904	829,210	1,002,717	1,109,801	1,258,520	1,542,359	1,767,518
Texas	....	....	....	....	212,592	604,215	818,579	1,591,749	2,235,523
Utah	....	....	....	....	11,380	40,273	86,786	143,963	207,905
Vermont	217,895	235,966	280,652	291,948	314,120	315,098	330,551	332,286	332,422
Virginia	974,600	1,065,116	1,211,405	1,239,797	1,421,661	1,596,318	1,225,163	1,512,565	1,655,980
Washington	....	....	....	....	....	11,594	23,955	75,116	349,390
West Virginia	....	....	....	....	....	....	442,014	618,457	762,704
Wisconsin	....	....	....	30,945	305,391	775,881	1,054,670	1,315,497	1,686,880
Wyoming	....	....	....	....	....	....	9,118	20,789	60,705
Total	7,239,881	9,633,822	12,866,020	17,069,453	23,191,876	31,443,321	38,558,371	50,155,783	62,622,250

The inhabitants of Alaska and the Indian Territory are not included in the above. The population of Alaska in 1890 was 30,329; of the Indian Territory, 179,321. Total population of the United States in 1890, 62,831,900.

POPULATION: CENSUS OF 1790.—Connecticut, 237,946; Delaware, 59,096; Georgia, 82,548; Kentucky, 73,677; Maine,† 96,540; Maryland, 319,728; Massachusetts, 378,787; New Hampshire, 141,885; New Jersey, 184,139; New York, 340,120; North Carolina, 393,751; Pennsylvania, 434,373; Rhode Island, 68,825; South Carolina, 24,,073; Tennessee, 35,691; Vermont, 85,425; Virginia, 747,610. Total U. S., 3,929,214.

POPULATION: CENSUS OF 1800.—Connecticut, 251,002; Delaware, 64,273; District of Columbia, 14,093; Georgia, 162,686; Indiana, 5,641; Kentucky, 220,955; Maine,† 151,719; Maryland, 341,548; Massachusetts, 422,845; Mississippi, 8,850; New Hampshire, 183,858; New Jersey, 211,149; New York, 589,051; North Carolina, 478,103; Ohio, 45,365; Pennsylvania, 602,365; Rhode Island, 69,122; South Carolina, 345,591; Tennessee, 105,602; Vermont, 154,465; Virginia, 880,200. Total U. S., 5,308,483.

POPULATION PRIOR TO 1790 (according to Bancroft): 1688, 200,000; 1714, 434,600; 1727, 580,000; 1750, 1,260,000; 1754, 1,425,000; 1760, 1,695,000; 1770, 2,312,000; 1780, 2,945,000 (2,383,000 white, 562,000 colored).

* For present population of the States, according to estimates made by the Governors thereof for THE WORLD ALMANAC, see index. The new decennial census (the Twelfth) will be taken during the present year 1900.

† Maine was a part of Massachusetts until its admission into the Union in 1820.

Population of the United States,

ACCORDING TO SEX, NATIVITY, RACE, VOTING, SCHOOL, AND MILITIA AGES.

(Compiled from the Reports of the Census of 1890.)

States and Territories.	Sex.		Nativity.		Race.		Voting Ages.	School Ages.	Militia Ages.
	Male.	Female.	Native Born.	Foreign Born.	White.	Colored.	Males 21 Years and over.	Total Population, 5 to 20 Years.	Total Population, Males.
Alabama	757,456	755,561	1,498,240	14,777	833,718	679,299	324,822	639,494	265,025
Arizona	36,571	23,049	40,825	18,795	55,580	4,040	23,696	18,284	19,226
Arkansas	585,755	542,424	1,113,915	14,264	818,752	309,427	257,868	476,185	214,708
California	700,059	508,071	841,821	366,309	1,111,672	96,458	462,289	360,289	343,001
Colorado	245,247	166,951	328,208	83,990	404,468	7,730	164,920	113,150	140,441
Connecticut	369,538	376,720	562,557	183,601	733,438	12,820	224,092	221,245	163,865
Delaware	85,573	82,920	155,332	13,161	140,066	28,427	47,559	57,496	36,076
District of Columbia	109,584	120,808	211,622	18,770	154,695	75,697	64,505	74,176	47,623
Florida	201,947	189,476	368,490	22,932	224,949	166,473	96,213	155,676	79,604
Georgia	919,925	917,428	1,825,216	12,137	978,357	858,996	398,122	771,027	336,295
Idaho	51,290	33,095	66,929	17,456	82,018	2,367	31,490	27,257	24,688
Illinois	1,972,308	1,854,043	2,984,004	842,347	3,768,472	57,879	1,072,663	1,323,030	852,635
Indiana	1,118,347	1,074,057	2,046,199	146,205	2,146,736	45,668	595,066	785,172	455,823
Iowa	994,453	917,443	1,587,827	324,069	1,901,086	10,810	520,332	701,182	399,687
Kansas	752,112	674,984	1,279,258	147,838	1,376,553	50,543	383,231	540,170	295,364
Kentucky	942,758	915,877	1,799,279	59,356	1,590,462	268,173	450,792	727,061	361,137
Louisiana	559,350	559,237	1,068,840	49,747	558,395	560,192	250,563	455,234	205,215
Maine	332,590	328,496	582,125	78,961	659,263	1,823	201,241	201,851	133,169
Maryland	515,691	526,699	948,094	94,296	826,493	215,897	270,738	370,892	205,816
Massachusetts	1,087,709	1,151,234	1,581,806	657,137	2,215,373	23,570	665,009	650,870	499,312
Michigan	1,091,780	1,002,109	1,550,009	543,880	2,072,884	21,005	617,445	703,684	462,765
Minnesota	695,321	606,505	834,470	467,356	1,296,159	5,667	376,036	454,804	304,268
Mississippi	649,687	639,913	1,281,648	7,952	544,851	744,749	271,080	559,101	228,764
Missouri	1,385,238	1,293,946	2,444,315	234,869	2,528,458	150,726	705,718	1,008,935	566,448
Montana	87,882	44,277	89,063	43,096	127,271	4,888	65,415	30,240	55,490
Nebraska	572,824	485,086	856,363	202,542	1,046,888	12,022	301,500	384,255	255,665
Nevada	29,214	16,547	31,055	14,706	39,084	6,677	20,951	12,391	14,696
New Hampshire	186,566	189,964	304,190	72,340	375,846	690	118,135	106,611	79,878
New Jersey	720,819	724,114	1,115,958	323,975	1,396,581	48,352	413,530	464,992	313,683
New Mexico	83,055	70,538	142,334	11,259	142,719	10,874	44,951	52,543	36,065
New York	2,976,893	3,020,960	4,426,803	1,571,050	5,923,952	73,901	1,769,649	1,836,935	1,325,619
North Carolina	799,149	818,798	1,614,245	3,702	1,055,382	562,565	342,653	673,405	273,834
North Dakota	101,590	81,129	101,258	81,461	182,123	596	55,959	59,324	43,608
Ohio	1,855,736	1,816,580	3,213,023	459,293	3,584,805	87,511	1,016,464	1,271,031	767,975
Oklahoma	34,733	27,101	59,094	2,740	58,826	3,008	19,161	21,642	15,084
Oregon	181,840	131,927	256,450	57,317	301,758	12,009	111,744	103,365	88,049
Pennsylvania	2,656,331	2,591,683	4,412,294	845,720	5,148,257	109,757	1,461,869	1,791,710	1,140,476
Rhode Island	168,025	177,481	239,201	105,305	337,859	7,647	100,017	105,534	75,317
South Carolina	572,337	578,812	1,144,879	6,270	462,008	689,141	235,606	501,393	196,059
South Dakota	180,250	148,558	237,753	91,055	327,290	1,518	96,765	113,900	79,219
Tennessee	891,585	875,933	1,747,489	20,029	1,336,637	430,881	402,476	720,872	324,214
Texas	1,172,553	1,062,970	2,082,567	152,956	1,745,935	489,588	535,942	924,142	447,413
Utah	110,463	97,442	154,841	53,064	205,899	2,006	54,471	79,937	45,139
Vermont	169,327	163,095	288,334	44,088	331,418	1,004	101,697	101,457	67,203
Virginia	824,278	831,702	1,637,606	18,374	1,020,122	635,858	378,782	671,779	295,340
Washington	217,562	131,828	259,385	90,005	340,513	8,877	146,918	97,863	124,860
West Virginia	390,285	372,509	743,911	18,883	730,077	32,717	181,400	305,669	147,324
Wisconsin	874,951	811,929	1,167,681	519,199	1,680,473	6,407	461,722	603,846	347,469
Wyoming	39,343	21,362	45,792	14,913	59,275	1,430	27,044	16,291	24,614
Total	32,067,880	30,554,370	53,372,703	9,249,547	54,983,890	7,638,360	16,940,311	22,447,392	13,230,168

The following was the number of foreign born inhabitants in the United States in 1890, according to nationality: From Germany, 2,784,894; Ireland, 1,871,509; British America including Newfoundland, 980,938; England, 909,092; Sweden, 478,041; Norway, 322,665; Scotland, 242,231; Russia, 182,644; Italy, 182,580; Poland, 147,440; Denmark, 132,543; Austria, 123,271; Bohemia, 118,106; France, 113,174; China, 106,688; Switzerland, 104,069; Wales, 103,079; Netherlands, 81,828; Mexico, 77,853; Hungary, 62,435; Belgium and Luxembourg, 25,521; Cuba and West Indies, 23,256; Portugal, 15,996; Central and South America, 6,198; Spain, 6,185; India, including Asia, not specified, 4,403; Japan, 2,292; Greece, 1,887; all others, 41,729. Total foreign born, 9,249,547.

The number of persons in the United States of foreign parentage, which includes persons born abroad and native children of foreign born persons (1890), was 20,676,046, being 33.02 per cent of the population. The percentage in 1880 was 29.75; in 1870 was 28.25.

Colored Population of the United States in 1890, according to Race.—Persons of African descent, 7,470,040; Chinese, 107,475; Japanese, 2,039; civilized Indians, 58,806. Total, 7,638,360.

Persons of African Descent Classified.—Blacks, 6,337,980; mulattoes, 956,989; quadroons, 105,135; octoroons, 69,936. Total, 7,470,040.

Mississippi contained the largest number of pure negroes—657,393—and Virginia the next largest number—621,781; Virginia contained the largest number of mulattoes, quadroons, and octoroons—122,441—and Louisiana the next largest number—90,953.

Aliens Speaking English.—Classifying alien population, according to their ability to speak English, 791,876, or 68.25 per cent, can speak the English language, and 368,338, or 31.75 per cent, cannot.

Jewish Population of the United States.—An estimate published in the American Jewish Year-Book for 1899-1900 makes the present Jewish population of the United States, 1,043,800, of which New York has 400,000.

Population of Cities of the United States.

CENSUS OF 1890.

Adams, Mass. 9,213
Adrian, Mich. 8,756
Akron, O. 27,601
Alameda, Cal. 11,165
Albany, N. Y. 94,923
Alexandria, Va. 14,339
Allegheny, Pa. 105,287
Allentown, Pa. 25,228
Alliance, O. 7,607
Alpena, Mich. 11,283
Alton, Ill. 10,294
Altoona, Pa. 30,337
Americus, Ga. 6,398
Amesbury, Mass. 9,798
Amsterdam, N. Y. 17,336
Anderson, Ind. 10,741
Annapolis, Md. 7,604
Ann Arbor, Mich. 9,431
Anniston, Ala. 9,998
Ansonia, Ct. 10,342
Appleton, Wis. 11,869
Arkansas, Kan. 8,347
Asheville, N. C. 10,235
Ashland, Pa. 7,346
Ashland, Wis. 9,956
Ashtabula, O. 8,338
Astoria, Ore. 6,184
Atchison, Kan. 13,963
Athens, Ga. 8,639
Atlanta, Ga. 65,533
Atlantic, N. J. 13,055
Attleboro, Mass. 7,577
Auburn, Me. 11,250
Auburn, N. Y. 25,858
Augusta, Ga. 33,300
Augusta, Me. 10,527
Aurora, Ill. 19,688
Austin, Tex. 14,575
Baltimore, Md. 434,439
Bangor, Me. 19,103
Batavia, N. Y. 7,221
Bath, Me. 8,723
Baton Rouge, La. 10,478
Battle Cr'k, Mich. 13,197
Bay City, Mich. 27,839
Bayonne, N. J. 19,033
Beatrice, Neb. 13,836
Beaver Falls, Pa. 9,735
Belfast, Me. 5,294
Bellaire, O. 9,934
Belleville, Ill. 15,361
Beloit, Wis. 6,315
Bennington, Vt. 6,391
Bethlehem, Pa. 6,762
Beverly, Mass. 10,821
Biddeford, Me. 14,443
Binghamton, N. Y. 35,005
Birmingham, Ala. 26,178
Blackstone, Mass. 6,138
Bloomington, Ill. 20,484
Boone, Ia. 6,520
Boston, Mass. 448,477
Bowling Gr'n, Ky 7,803
Braddock, Pa. 8,561
Bradford, Pa. 10,514
Brattleboro, Vt. 6,862
Brazil, Ind. 5,905
Bridgeport, Ct. 48,866
Bridgeton, N. J. 11,424
Bristol, Ct. 7,382
Bristol, Pa. 6,553
Brockton, Mass. 27,294
Brookline, Mass. 12,103
Brooklyn. {*957,163 †806,343
Brownsville, Tex. 6,134
Brunswick, Ga. 8,459
Brunswick, Me. 6,012
Buffalo, N. Y. 255,664
Burlington, Ia. 22,565
Burlington, N. J. 7,264
Burlington, Vt. 14,590
Butler, Pa. 8,734
Butte, Mont. 10,723
Cairo, Ill. 10,324
Calais, Me. 7,290
Cambridge, Mass. 70,028
Camden, N. J. 58,313
Canton, O. 26,189
Carbondale, Pa. 10,833
Carlisle, Pa. 7,620
Carthage, Mo. 7,981
Cedar Rapids, Ia. 18,020
Chambersb'rg, Pa 7,863
Charleston, S. C. 54,955
Charleston, W. Va 6,743
Charlotte, N. C. 11,557
Chattan'ga, Tenn. 29,100
Cheboygan, Miss. 7,235
Chelsea, Mass. 27,909
Chester, Pa. 20,226
Cheyenne, Wyo. 11,690
Chicago, Ill. ‡1,099,850
Chicopee, Mass. 14,050
Chillicothe, O. 11,288
Chip'waFalls Wis 8,670
Cincinnati, O. 296,908
Circleville, O. 6,556
Clarksville, Tenn. 7,924
Cleveland, O. 261,353
Clinton, Ia. 13,619
Clinton, Mass. 10,424
Cohoes, N. Y. 22,509
College P't, N. Y. 6,127
Colorado Sp's, Col 11,140
Columbia, Pa. 10,599
Columbia, S. C. 15,353
Columbus, Ga. 17,303
Columbus, Ind. 6,719
Columbus, O. 88,150
Concord, N. H. 17,004
Corning, N. Y. 8,550
Corsicana, Tex. 6,285
Cortland, N. Y. 8,590
Council Bluffs, Ia. 21,474
Covington, Ky. 37,371
Cranston, R. I. 8,099
Crawf'dsville, Ind 6,089
Creston, Ia. 7,200
Cumberland, Md. 12,729
Cumberland, R. I. 8,090
Dallas, Tex. 38,067
Danbury, Ct. 16,552
Danvers, Mass. 7,454
Danville, Ill. 11,491
Danville, Pa. 7,998
Danville, Va. 10,305
Davenport, Ia. 26,872
Dayton, O. 61,220
Decatur, Ill. 16,841
Dedham, Mass. 7,123
Defiance, O. 7,694
Delaware, O. 8,224
Denison, Tex. 10,958
Denver, Col. 106,713
Des Moines, Ia. 50,093
Detroit, Mich. 205,876
Dover, N. H. 12,790
Dubuque, Ia. 30,311
Duluth, Minn. 33,115
Dunkirk, N. Y. 9,416
East Liverpool, O 10,956
Easton, Pa. 14,481
E. Portland, Ore. 10,532
E. Providence, RI 8,422
E. St. Louis, Ill. 15,169
Eau Claire, Wis. 17,415
Edgewater, N. Y. 14,265
Elgin, Ill. 17,823
Elizabeth, N. J. 37,764
Elkhart, Ind. 11,360
Elmira, N. Y. 30,893
El Paso, Tex. 10,338
Emporia, Kan. 7,551
Enfield, Ct. 7,199
Erie, Pa. 40,634
Escanaba, Mich. 6,808
Evansville, Ind. 50,756
Everett, Mass. 11,068
Fall River, Mass. 74,398
Faribault, Minn. 6,520
Findlay, O. 18,553
Fitchburg, Mass. 22,037
Flint, Mich. 9,803
Florence, Ala. 6,012
Flushing, N. Y. 8,436
Fond du Lac, Wis. 12,024
Fort Madison, Ia. 7,901
Fort Scott, Kan. 11,946
Fort Smith, Ark. 11,311
Fort Wayne, Ind. 35,393
Fort Worth, Tex. 23,076
Fostoria, O. 7,070
Fram'gh'm, Mass 9,239
Franklin, Pa. 6,221
Frederick, Md. 8,193
Freeport, Ill. 10,189
Fremont, Neb. 6,747
Fremont, O. 7,141
Fresno, Cal. 10,818
Gainesville, Tex. 6,594
Galesburg, Ill. 15,264
Galion, O. 6,326
Galveston, Tex. 29,084
Gardner, Mass. 8,424
Geneva, N. Y. 7,557
Glens Falls, N. Y. 9,509
Gloucester, Mass. 24,651
Gloucester, N. J. 6,564
Gloversville, N. Y 13,864
Goshen, Ind. 6,033
Grand Island, Neb 7,536
Gr'd Rapids, Mich 60,278
Green Bay, Wis. 9,069
Greenbush, N. Y. 7,301
Greenville, Miss. 6,658
Greenville, S. C. 8,607
Greenwich, Ct. 10,131
Hackensack, N. J 6,004
Hagerstown, Md. 10,118
Hamilton, O. 17,565
Hannibal, Mo. 12,857
Harrisburg, Pa. 39,385
Harrison, N. J. 8,338
Hartford, Ct. 53,230
Hastings, Neb. 13,584
Haverhill, Mass. 27,412
Hazelton, Pa. 11,872
Helena, Ark. 5,189
Helena, Mont. 13,834
Henderson, Ky. 8,835
Hoboken, N. J. 43,648
Holyoke, Mass. 35,637
Homestead, Pa. 7,911
Hoosick Falls, NY 7,014
Hopkinsville, Ky. 5,833
Hornellsville, N Y 10,996
Hot Springs, Ark. 8,086
Houston, Tex. 27,557
Hudson, N. Y. 9,970
Huntington, Ind. 7,328
Huntington, W Va 10,108
Huntsville, Ala. 7,995
Hutchinson, Kan. 8,682
Hyde Park, Mass. 10,193
Independence, Mo 6,380
Indianapolis, Ind 105,436
Iowa City, Ia. 7,016
Iron M'tain, Mich 8,599
Ironton, O. 10,939
Ironwood, Mich. 7,745
Ishpeming, Mich. 11,197
Ithaca, N. Y. 11,079
Jackson, Mich. 20,798
Jackson, Tenn. 10,039
Jacksonville, Fla. 17,201
Jacksonville, Ill. 12,935
Jamestown, N. Y. 16,038
Janesville, Wis. 10,836
JeffersonCity, Mo. 6,742
Jeffersonville, Ind 10,666
Jersey City, N. J. 163,003
Johnston, R. I. 9,778
Johnstown, N. Y. 7,768
Johnstown, Pa. 21,805
Joliet, Ill. 23,264
Joplin, Mo. 9,943
Kalamazoo, Mich 17,853
Kankakee, Ill. 9,025
Kansas City, Kan. 38,316
Kansas City, Mo. 132,716
Kearney, Neb. 8,074
Keene, N. H. 7,446
Kenosha, Wis. 6,532
Keokuk, Ia. 14,101
Key West, Fla. 18,080
Killingly, Ct. 7,027
Kingston, N. Y. 21,261
Knoxville, Tenn. 22,535
Kokomo, Ind. 8,261
Laconia, N. H. 6,143
La Crosse, Wis. 25,090
Lafayette, Ind. 16,243
Lancaster, O. 7,555
Lancaster, Pa. 32,011
Lansing, Mich. 13,102
Lansingb'g, N. Y. 10,550
Laporte, Ind. 7,126
Laramie, Wyo. 6,388
Laredo, Tex. 11,319
La Salle, Ill. 9,855
Lawrence, Kan. 9,997
Lawrence, Mass. 44,654
Leadville, Col. 10,384
Leavenw'th, Kan 19,768
Lebanon, Pa. 14,664
Leominster, Mass 7,269
Lewiston, Me. 21,701
Lexington, Ky. 21,567
Lima, O. 15,981
Lincoln, Ill. 6,725
Lincoln, Neb. 55,154
Lincoln, R. I. 20,355
Little Falls, N. Y. 8,783
Little Rock, Ark. 25,874
Lockhaven, Pa. 7,358
Lockport, N. Y. 16,038
Logansport, Ind. 13,328
L'g IslandC., N. Y. 30,506
Los Angeles, Cal. 50,395
Louisville, Ky. 161,129
Lowell, Mass. 77,696
Ludington, Mich. 7,517
Lynchburg, Va. 19,709
Lynn, Mass. 55,727
Macon, Ga. 22,746
Madison, Ind. 8,936
Madison, Wis. 13,426
Mahanoy, Pa. 11,286
Malden, Mass. 23,031
Manchester, Ct. 8,222
Manchester, N. H. 44,126
Manistee, Mich. 12,812
Manitowoc, Wis. 7,710
Mankato, Minn. 8,838
Mansfield, O. 13,473
Marblehead, Mass 8,202
Marietta, O. 8,273
Marinette, Wis. 11,523
Marion, Ind. 8,769
Marion, O. 8,327
Marlboro, Mass. 13,805
Marquette, Mich. 9,093
Marshall, Ia. 8,914
Marshall, Tex. 7,207
Martinsb'g, W Va 7,226
Martin's Ferry, O 6,250
Massillon, O. 10,092
Mattoon, Ill. 6,833
McKeesport, Pa. 20,741
Meadville, Pa. 9,520

POPULATION OF CITIES OF THE UNITED STATES—*Continued.*

Medford, Mass.	11,079	Oil City, Pa.	10,932	Roanoke, Va.	16,159	Streator, Ill.	11,414
Melrose, Mass.	8,519	Olean, N. Y.	7,358	Rochester, N. H.	7,396	Superior, Wis.	11,983
Memphis, Tenn.	64,495	Omaha, Neb.	140,452	Rochester, N. Y.	133,896	Syracuse, N. Y.	88,143
Menominee, Mich	10,630	Oneida, N. Y.	6,083	Rockford, Ill.	23,584	Tacoma, Wash.	36,006
Meriden, Ct.	21,652	Oneonta, N. Y.	6,272	Rock Island, Ill.	13,634	Tamaqua, Pa.	6,054
Meridian, Miss.	10,624	Orange, N. J.	18,844	Rockland, Me.	8,174	Taunton, Mass.	25,448
Merrill, Wis.	6,809	Oshkosh, Wis.	22,836	Rome, Ga.	6,957	Terre Haute, Ind.	30,217
Michig'nCity, Ind	10,776	Oskaloosa, Ia.	6,558	Rome, N. Y.	14,991	Tiffin, O.	10,801
Middleboro, Mass	6,065	Oswego, N. Y.	21,842	Rutland, Vt.	11,760	Titusville, Pa.	8,073
Middletown, Ct.	9,013	Ottawa, Ill.	9,985	Saco, Me.	6,075	Toledo, O.	81,434
Middletown, N. Y	11,977	Ottawa, Kan.	6,248	Sacramento, Cal.	26,386	Tonawanda, N. Y.	7,145
Middletown, O.	7,681	Ottumwa, Ia.	14,001	Saginaw, Mich.	46,322	Torrington, Ct.	6,048
Middletown, Pa.	5,080	Owensboro, Ky.	9,837	St. Albans, Vt.	7,771	Topeka, Kan.	31,007
Milford, Mass.	8,780	Owosso, Mich.	6,564	St. Charles, Mo.	6,161	Trenton, N. J.	57,458
Millville, N. J.	10,002	Paducah, Ky.	12,797	St. Cloud, Minn.	7,686	Troy, N. Y.	60,056
Milwaukee, Wis.	204,468	Palmer, Mass.	6,520	St. Johnsbury, Vt.	6,567	Tyler, Tex.	6,908
Minneapolis, Min	164,738	Pana, Ill.	5,077	St. Joseph, Mo.	52,324	Union, N. J.	10,643
Moberly, Mo.	8,215	Paris, Tex.	8,254	St. Louis, Mo.	451,770	Uniontown, Pa.	6,359
Mobile, Ala.	31,076	Parkersb'g, W Va	8,408	St. Paul, Minn.	133,156	Urbana, O.	6,510
Moline, Ill.	12,000	Passaic, N. J.	13,028	Salem, Mass,	30,801	Utica, N. Y.	44,007
Montgomery, Ala	21,883	Paterson, N. J.	78,347	Salina, Kan.	6,149	Vallejo, Cal.	6,343
Morristown, N. J.	8,156	Pawtucket, R. I.	27,633	Salt Lake, Utah	44,843	Vernon, Ct.	8,808
Mount Carmel, Pa	8,254	Peabody, Mass.	10,158	San Antonio, Tex.	37,673	Vicksburg, Miss.	13,373
Mt. Vernon, N. Y	10,830	Peekskill, N. Y.	9,676	San Francisco	298,997	Vincennes, Ind.	8,853
Mount Vernon, O	6,027	Pekin, Ill.	6,347	San Diego, Cal.	16,159	Virginia City, Nev	8,511
Muncie, Ind.	11,345	Pensacola, Fla	11,750	Sandusky, O.	18,471	Waco, Tex.	14,445
Muscatine, Ia.	11,454	Peoria, Ill.	41,024	San José, Cal.	18,060	Wakefield, Mass.	6,982
Muskegon, Mich.	22,702	Perth Amboy, NJ	9,512	Santa Fé, N. M.	6,185	Wallingford, Ct.	6,584
Nanticoke, Pa.	10,044	Peru, Ind.	7,028	Saratoga Springs, N. Y.	11,975	Waltham, Mass.	18,707
Nashua, N. H.	19,311	Petersburg, Va.	22,680			Ware, Mass.	7,329
Nashville, Tenn.	76,168	Philadelphia	1,046,964	Savannah, Ga.	43,189	Warwick, R. I.	17,761
Natchez, Miss.	10,101	Phillipsburg, N. J	8,644	Schenect'dy, N.Y.	19,902	Wash'ton, D.C.	230,392
Natick, Mass.	9,118	Phœnixville, Pa.	8,514	Scranton, Pa.	75,212	Washington, Ind.	6,064
Naugatuck, Ct.	6,218	Pine Bluff, Ark.	9,952	Seattle, Wash.	42,837	Washington, Pa.	7,063
Nebraska C., Neb.	11,494	Piqua, O.	9,090	Sedalia, Mo.	14,068	Waterbury, Ct.	28,646
Negaunee, Mich.	6,078	Pittsburgh, Kan.	6,697	Selma, Ala.	7,622	Waterloo, Ia.	6,674
Nevada, Mo.	7,262	Pittsburgh, Pa.	238,617	Seneca Falls, N.Y.	6,116	Watertown, Mass.	7,073
New Albany, Ind.	21,059	Pittsfield, Mass	17,281	Shamokin, Pa.	14,403	Watertown, N. Y.	14,725
Newark, N. J.	181,830	Pittston, Pa.	10,302	Sharon, Pa.	7,459	Watertown, Wis.	8,755
Newark, O.	14,270	Plainfield, N. J.	11,267	Sheboygan, Wis.	16,359	Waterville, Me.	7,107
N. Bedford, Mass.	40,733	Plattsburg, N. Y.	7,010	Shenandoah, Pa.	15,944	Waukesha, Wis.	6,321
Newbern, N. C.	7,843	Plattsmouth, Neb	8,392	Sherman, Tex.	7,335	Wausau, Wis.	9,253
N. Brighton, N. Y	16,423	Plymouth, Mass.	7,314	Shreveport, La.	11,979	Webster, Mass.	7,031
New Britain, Ct.	16,519	Plymouth, Pa.	9,344	Sing Sing, N. Y.	9,352	W. Bay City, Mich.	12,981
N. Brunsw'k, N. J	18,603	Pontiac, Mich.	6,200	Sioux City, Ia.	37,806	Westbrook, Me.	6,632
Newburgh, N. Y.	23,087	Port Huron, Mich	13,543	Sioux Falls, S. D.	10,177	West Chester, Pa.	3,028
Newb'ryp't, Mass	13,947	Port Jervis, N. Y.	9,327	Somersw'th, N. H.	6,297	Westerly, R. I.	6,813
Newcastle, Pa.	11,600	Portland, Me.	36,425	Somerville, Mass.	40,152	Westfield, Mass.	9,805
New Haven, Ct.	81,298	Portland, Ore.	46,385	South Bend, Ind.	21,819	West Troy, N. Y.	12,967
New London, Ct.	13,757	P't Richm'd, N Y	6,290	S. Bethlehem, Pa.	10,302	Weymouth, Mass.	10,866
New Orleans, La.	242,039	Portsmouth, N. H	9,827	Southbridge, Mass.	7,655	Wheeling, W. Va.	34,522
Newport, Ky.	24,918	Portsmouth, O.	12,397	S. Kingstown, R.I.	6,231	Wichita, Kan.	23,853
Newport, R. I.	19,457	Portsmouth, Va.	13,268	S. Omaha, Neb.	8,062	Wilkes-Barre, Pa.	37,718
N. Rochelle, N. Y.	8,217	Pottstown, Pa.	13,285	Spencer, Mass.	8,747	Williamsport, Pa.	27,132
Newton, Mass.	24,379	Pottsville, Pa.	14,117	Spokane, Wash.	19,922	Wilmington, N. C.	20,056
New York (*	1,801,739	Poughk'psie, N Y	22,206	Springfield, Ill.	24,963	Wilmington, Del.	61,431
City (†	1,515,301	Providence, R. I.	132,146	Springfield, Mass.	44,179	Winchester, Ct.	6,183
Norfolk, Va.	34,871	Pueblo, Col.	24,558	Springfield, Mo.	21,850	Winona, Minn.	18,208
Norristown, Pa.	19,791	Putnam, Ct.	6,512	Springfield, O.	31,885	Winston, N. C.	8,018
N. Adams, Mass.	16,074	Quincy, Ill.	31,494	Stamford, Ct.	15,700	Woburn, Mass.	13,499
Nort'm'ton, Mass	14,990	Quincy, Mass.	16,723	Staunton, Va.	6,975	Woonsocket, R. I.	20,830
N. Attleb'ro, Mass	6,727	Racine, Wis.	21,014	Steelton, Pa.	9,250	Worcester, Mass.	84,655
Norwalk, Ct.	17,747	Rahway, N. J.	7,105	Steubenville, O.	13,394	Xenia, O.	7,301
Norwalk, O.	7,195	Raleigh, N. C.	12,678	Stevens P'nt, Wis.	7,896	Yonkers, N. Y.	32,033
Norwich, Ct.	16,156	Reading, Pa.	58,661	Stillwater, Minn.	11,260	York, Pa.	20,793
Oakland, Cal.	48,682	Red Wing, Minn.	6,294	Stockton, Cal.	14,424	Youngstown, O.	33,220
Ogden, Utah	14,889	Richmond, Ind	16,608	Stoneham, Mass.	6,155	Ypsilanti, Mich.	6,129
Ogdensburg, N.Y.	11,662	Richmond, Va.	81,388	Stonington, Ct.	7,184	Zanesville, O.	21,009

There are, according to the census of 1890, in the United States 3,715 cities and villages having over 1,000 inhabitants each, 7 having 400,000 inhabitants, and over 21 having 100,000 and under 400,000; 30 having 50,000 and under 100,000; 66 having 25,000 and under 50,000; 92 having 15,000 and under 25,000; 138 having 10,000 and under 15,000, and 94 having 8,000 and under 10,000.

Population by State Censuses of 1895.

STATES.	Population	STATES.	Population	STATES.	Population
Florida	464,639	Massachusetts	2,495,345	Rhode Island	384,758
Iowa	2,058,069	Minnesota	1,574,910	South Dakota	330,975
Kansas	1,334,668	New Jersey	1,672,942	Utah	247,324

* By State census of 1892. Population in 1892 of the territory now composing the city of New York (the Greater New York), 2,936,212. For present estimated population see page 396. † Federal census of June, 1890.

‡ A school census of Chicago in 1892 showed a population of over 1,400,000. See estimate of present population by the Mayor on page 395.

For estimates of present population (1900) of principal cities, see table entitled "Statistics of Cities in the United States," pages 395 and 396.

THE statistics in the following table were furnished to THE WORLD ALMANAC by the Mayors of the respective cities.

CITIES.	Area in Square Miles.	Estimated Population Jan. 1, 1900.	Net Public Debt.	Assessed Valuation of all Taxable Property.	Per cent of Actual Val.*	Tax Rate†	Mayors.	Terms Expire.
Albany, N. Y.	10¾	100,000	$2,624,858	$66,841,295	90	$2.06	James H. Blessing	Dec. 31,1901
Allegheny, Pa.	8	125,000	4,525,406	82,000,000	90	1.35	James G. Wyman	Apr. 7,1902
Atlanta, Ga.	11	125,000	2,927,500	52,000,000	60	1.25	*James G. Woodward.*	Jan. 7,1901
Baltimore, Md.	28.7	625,000	37,212,176	365,847,456	60	2.25	*Thomas G. Hayes*	May 3,1903
Bay City, Mich.	10	35,000	585,000	10,492,583	80	2.85	Alex. McEwan	Apr. 3,1901
Binghamton, N. Y.	10	48,000	670,000	21,111,660	66⅔	1.50	*Jerome De Witt*	Dec. 31,1901
Boston, Mass.	43	555,000	54,222,181	1,089,808,120	100	1.31	Thomas N. Hart	Jan. 6,1902
Bridgeport, Ct.	13.4	65,000	1,224,110	59,877,580	100	1.29	Hugh Stirling	Nov. 11,1901
Brooklyn Boro., N.Y.	65¾	1,245,226	(*a*)	*a* 655,092,980	66⅔	2.36	*Incorp'd in City of New York.*	
Buffalo, N. Y.	42	415,000	14,190,951	236,969,535	70	1.89	*Conrad Diehl*	Dec. 31,1901
Cambridge, Mass.	6½	90,000	5,935,741	90,000,000	100	1.71	E. R. Champlin	Jan. 1,1901
Camden, N. J.	9	85,000	2,533,855	26,500,162	66	2.20	Cooper B. Hatch	Mar. 1,1901
Charleston, S. C.	5½	67,000	3,798,200	17,361,411	40	2.55	*J. Adger Smyth*	Dec. 15,1901
Chattanooga, Tenn.	4	57,500	831,000	12,500,000	50	1.65	Joseph Wassman	Oct. 10,1901
Chelsea, Mass.	2¼	34,000	1,158,015	23,405,294	100	1.74	James Gould	Jan. 2,1901
Chicago, Ill.	190½	1,900,000	10,791,320	220,966,447	10	5.52	*Carter H. Harrison*	Apr. 15,1901
Cincinnati, O.	35¼	405,000	25,169,532	199,739,080	58	2.53	*Gustav Tafel*	July 1,1900
Cleveland, O.	33	400,000	12,458,471	142,290,775	25	1.36	*John H. Farley*	Apr. 10,1901
Cohoes, N. Y.	3¾	25,000	437,108	11,663,885	100	1.74	James H. Mitchell	Apr. —,1900
Columbus, O.	16¼	141,185	3,155,996	64,344,990	60	2.75	Samuel J. Swartz	Apr. 17,1901
Council Bluffs, Iowa	19	30,000	197,640	4,580,000	25	.62	*Victor Jennings*	Apr. 1,1900
Covington, Ky.	2¾	55,000	2,237,500	24,126,025	75	1.75	*W. A. Johnson*	Jan. 1,1904
Dallas, Tex.	9¼	60,000	1,740,000	22,221,000	66⅔	1.50	*John H. Traylor*	Apr. 6,1900
Davenport, Iowa	8	45,000	275,000	13,952,250	50	1.45	*George T. Baker*	Apr. 4,1900
Dayton, O.	11	100,000	3,145,000	58,000,000	60	2.56	*J. R. Lindemuth*	Apr. 15,1900
Denver, Col.	49	170,000	1,950,300	61,443,210	40	*b*3.32	*H. V. Johnson*	Apr. 10,1901
Des Moines, Iowa	54	85,000	740,000	16,235,639	25	4.87	John MacVicar	Apr. 20,1900
Detroit, Mich.	29	343,000	3,296,401	216,971,000	70	1.63	*Wm. C. Maybury*	Jan. 1,1902
District of Columbia	69¼	287,462	15,891,820	190,958,987	66	1.50	See note at foot next page.	
Dubuque, Iowa	15	50,000	929,916	23,750,405	60	1.00	C. H. Berg	Apr. 2,1900
Duluth, Minn.	62	65,000	2,150,250	26,865,943	50	2.49	*Henry Truelsen*	Mar. 6,1900
Elizabeth, N. J.	9	50,000	3,248,340	17,492,021	60	2.96	Wm. A. M. Mack	July 1,1900
Elmira, N. Y.	7 2-5	42,000	1,020,000	17,283,861	100	2.52	*Edgar Denton*	Mar. 5,1900
Erie, Pa.	7	62,000	677,832	19,158,588	50	1.35	John Depinet	Apr. 5,1902
Fall River, Mass.	41	104,000	3,812,832	71,642,320	100	1.78	John H. Abbott	Jan. 7,1901
Fort Wayne, Ind.	6	52,000	310,000	22,000,000	75	.95	*Henry P. Scherer*	May 5,1901
Grand Rapids, Mich.	18	105,000	2,107,500	27,771,186	100	*c*1.44	*George R. Perry*	May 1,1900
Harrisburg, Pa.	7	60,000	1,023,000	25,500,000	50	1.70	*John A. Fritchey*	Apr. 7,1902
Hartford, Ct.	17	77,000	3,758,000	63,577,234	75	1.75	*Miles B. Preston*	Apr. 2,1900
Haverhill, Mass.	32	38,000	1,467,252	25,502,483	85	1.78	*John C. Chase* (S. D.)	Jan. 1,1901
Hoboken, N. J.	1½	62,000	1,389,749	28,048,100	70	2.43	*Lawrence Fagan*	May 1,1901
Holyoke, Mass.	16¼	45,000	1,539,514	36,415,800	100	1.60	Arthur B. Chapin	Jan. 1,1901
Indianapolis, Ind.	27.8	200,000	2,017,400	119,856,680	65	1.85	*Thomas Taggart*	Oct. 15,1901
Jacksonville, Fla.	7.6	35,000	1,250,000	13,047,070	75	1.50	J. E. T. Bowden	June 20,1901
Jersey City, N. J.	13	200,000	9,143,978	91,850,000	70	2.84	*Edward Hoos*	May 1,1901
Kansas City, Mo.	24½	200,000	3,450,000	70,000,000	40	*d*2.65	James M. Jones	Apr. 20,1900
La Crosse, Wis.	8¼	32,000	444,354	12,290,206	75	2.25	*W. A. Anderson*	Apr. —,1901
Lawrence, Mass.	6¼	55,000	1,422,319	38,649,112	81	1.56	*James F. Leonard*	Jan. 1,1901
Little Rock, Ark.	11¼	45,000	236,000	12,129,875	60	*c*2.30	*J. A. Woodson*	Apr. 4,1901
Louisville, Ky.	20	226,580	8,388,000	119,500,000	80	1.84	*Charles P. Weaver*	Nov 17,1901
Lowell, Mass.	12½	95,000	3,373,080	71,251,372	100	1.96	*Jeremiah Crowley*	Jan. 2,1901
Lynn, Mass.	11¼	68,000	3,216,536	51,091,948	85	1.78	William Shepherd	Jan. 7,1901
Manchester, N. H.	31	60,000	1,920,000	31,491,784	70	1.95	William C. Clarke	Jan. 1,1901
Memphis, Tenn.	16	125,000	2,907,707	40,000,000	60	1.99	*J. J. Williams*	Jan. 9,1902
Milwaukee, Wis.	21½	290,000	6,288,750	151,971,903	58	2.30	*David S. Rose*	Apr. 17,1900
Minneapolis, Minn.	54½	225,000	6,655,745	108,000,000	...	2.60	*James Gray*	Jan. 7,1901
Mobile, Ala.	5	45,000	2,262,000	16,282,904	60	1.35	*J. Curtis Bush*	Mar. 15,1900
Nashville, Tenn.	9½	110,834	3,318,800	35,939,290	85	1.50	*James M. Head*	Oct. 10,1901
Newark, N. J.	18½	255,000	10,677,961	144,355,011	70	2.12	*James M. Seymour*	May 1,1900
New Bedford, Mass.	19¾	60,000	1,222,961	56,107,418	100	1.92	CHAS. S. ASHLEY	Jan. 7,1901
New Brunswick, N. J.	5	20,000	1,017,959	10,020,931	75	2.56	Nicholas Williamson	May 6,1901
New Haven, Ct.	22½	110,000	3,299,160	66,041,453	66	1.80	*Cornelius T. Driscoll.*	June 1,1901
New Orleans, La.	228	325,000	14,952,348	141,000,000	100	2.20	*Walter C. Flower*	May 4,1900

CITIES.	REALTY.	PERSONALTY.	CITIES.	REALTY.	PERSONALTY.
Baltimore	$237,050,803	$128,796,653	Milwaukee	$124,703,830	$27,268,073
Boston	866,773,300	223,034,820	Newark, N. J.	116,585,525	29,072,213
Buffalo	225,218,555	11,750,980	New Orleans	103,000,000	38,000,000
Chicago	178,801,172	42,165,275	New York City, see next page.		
Cincinnati	159,538,490	40,213,590	Philadelphia	879,295,355	$359,301,636
Cleveland	104,932,280	37,358,495	Pittsburgh	330,000,000	31,000,000
Detroit	171,343,730	45,627,270	San Francisco	285,305,000	119,806,000
Indianapolis	87,783,715	32,072,965	St. Louis	307,741,270	(*g*) 43,540,240
Louisville	87,950,000	31,550,000			

For per cent of actual valuation see above. (*g*) Railroad, bridges, telegraph, express, and street railroads, $22,280,443 extra.

Democrats in *italics;* Republicans in Roman; Citizens, Populist, Independent, Prohibition, or non-Political in SMALL CAPS. (S. D.) Socialist Democrat. § "Money and interest reported."

* This is the percentage of assessment upon actual valuation. † Tax on each $100 of assessed valuation for all purposes. (*a*) See "New York City," next page. (*b*) City tax, $1.50; county, 80 cents; school, 61 cents; State, 41 cents. (*c*) State, county, and city tax. (*d*) City tax, $1.20; county tax, $1.45. (*e*) City, school, and highway tax; county and State tax, $1.56.

Cities.	Area in Square Miles.	Estimated Population Jan. 1, 1900.	Net Public Debt.	Assessed Valuation of all Taxable Property.	Per cent of Actual Val.*	Tax Rate†	Mayors.	Terms Expire.
Newport, R. I.	7 3-10	24,000	$641,000	$38,121,300	75	$1.10	*Patrick J. Boyle*	Jan. 3,1901
Newton, Mass.	20	30,461	4,261,446	56,411,820	100	1.54	E. B. Wilson	Jan. 10,1901
New York City‡	307⅓	3,595,936	(*a*)	3,478,352,029	100	§	*Robert A. Van Wyck*	Jan. 1,1902
Omaha, Neb.	24½	160,000	3,036,100	34,907,399	25	2.40	Frank E. Moores	Mar. —,1900
Paterson, N. J.	8⅓	110,000	2,713,000	47,563,092	67½	2.50	*John Hinchliffe*	May 1 1901
Peoria, Ill.	10	65,000	219,500	9,000,000	10	8.85	Henry W. Lynch	May 6,1901
Philadelphia, Pa.	129	1,591,270	35,163,295	††1,238,596,991	80	1.85	S. H. Ashbridge	Apr. 6,1903
Pittsburgh, Pa.	28¼	325,000	8,000,000	††361,000,000	80	1.50	Wm. J. Diehl	Apr. 7,1902
Portland, Me.	17½	50,000	1,382,907	44,630,960	100	2.10	Frank W. Robinson	Mar. —,1900
Portland, Ore.	40	92,000	5,428,336	38,396,620	40	8.00	W. A. Struy	June 1,1900
Poughkeepsie, N. Y.	2¾	29,000	1,688,000	13,394,875	75	2.34	Isaac W. Sherrill	Dec. 31,1900
Providence, R. I.	18¼	170,000	14,458,572	188,501,780	100	1.65	*William C. Baker*	Jan. 1,1901
Quincy, Ill.	7½	45,000	1,200,000	6,000,000	8	6.00	*John A. Steinbach*	May 1,1901
Reading, Pa.	6¼	90,000	1,452,500	42,575,845	100	1.20	Adam H. Leader	Apr. 1,1902
Richmond, Va.	5	100,000	7,228,682	68,259,248	100	1.40	*Richard M. Taylor*	June 30,1900
Rochester, N. Y.	18⅓	178,000	10,500,000	110,429,872	80	1.73	George A. Carnahan	Jan. 1,1902
Rockford, Ill.	8	35,000	296,800	5,569,401	20	5.64	E. W. Brown	May 1,1902
Sacramento, Cal.	5½	35,000	150,000	15,610,000	60	1.30	George H. Clark	Jan. 1,1902
Saginaw, Mich.	12⅓	60,000	1,284,000	15,019,725	65	2.17	*William B. Baum*	Apr. 2,1900
San Diego, Cal.	76	22,000	287,000	12,490,875	50	1.00	*Edwin M. Capps*	May 1,1901
San Francisco, Cal.	41¾	360,000	54,066	††405,111,000	75	1.63	*James D. Phelan*	Jan. 1,1902
Savannah, Ga.	5	68,000	3,278,950	36,500,000	75	1.45	*Herman Myers*	Jan. 31,1901
Schenectady, N. Y.	4¾	30,000	692,000	11,857,100	75	2.22	*John H. White*	Dec. 31,1901
Scranton, Pa.	21	125,000	1,535,961	31,000,000	33	3.00	James Moir	Apr. 1,1902
Seattle, Wash.	28	80,000	2,520,000	32,263,292	60	2.25	Thos. J. Humes	Mar. 19,1900
Sioux City, Iowa	47	50,000	1,152,788	5,800,000	25	.65	*John H. Quick*	Apr. 1,1900
Somerville, Mass.	4¼	62,000	1,502,500	51,201,350	100	1.63	GEORGE O. PROCTOR	Jan. 2,1901
Springfield, Ill.	3½	40,000	902,350	6,274,505	20	6.50	L. E. Wheeler	Apr. 8,1901
Springfield, Mass.	38	61,238	1,730,703	69,869,347	85	1.36	*William P. Hayes*	Jan. 3,1901
Springfield, O.	9	45,000	872,000	17,075,000	60	2.26	*Samuel Bowlus*	Apr. 14,1901
St. Joseph, Mo.	7	75,000	1,105,534	21,914,740	40	2.80	*P. J. Kirschner*	Apr. 16,1900
St. Louis, Mo.	62½	631,000	19,503,384	††373,561,953	65	1.95	Henry Ziegenhein	Apr. 8,1901
St. Paul, Minn.	55	200,000	7,642,080	95,000,000	60	2.10	Andrew R. Kiefer	June 7,1900
Syracuse, N. Y. (*b*)	22½	130,000	5,618,500	78,069,009	88	1.92	*James K. McGuire*	Dec. 31,1901
Tacoma, Wash.	29	48,000	4,420,944	22,549,840	80	1.15	Johnson Nickeus	Apr. 17,1900
Taunton, Mass.	44¼	30,000	1,158,634	20,518,320	100	1.80	Arthur M. Alger	Jan. 1,1901
Toledo, O.	30	160,000	5,404,304	50,898,670	33⅓	3.50	Samuel M. Jones	Apr. 1,1901
Topeka, Kan.	6¼	38,336	395,497	8,854,794	33⅓	1.85	C. J. Drew	Apr. 1,1901
Trenton, N. J.	8	70,000	1,972,610	32,221,462	..	2.15	Frank O. Briggs	May 1,1901
Troy, N. Y.	5½	65,000	1,345,624	47,777,058	100	1.25	Daniel E. Conway‡‡	Dec. 31,1901
Utica, N. Y.	8¼	60,000	377,504	37,795,638	100	1.36	*Rich'd W. Sherman*	Dec. 31,1901
Washington, D. C.	10 1-5	232,462	See foot	of page.				
Wilkes-Barre, Pa. (*b*).	5	57,000	395,034	8,747,474	20	4.70	Francis M. Nichols.	Apr 1,1901
Williamsport, Pa.	6¼	35,000	653,421	9,142,036	60	1.48	Samuel N. Williams	Apr. 1,1902
Wilmington, Del.	10¼	75,000	2,034,450	40,000,000	100	1.40	*John C. Fahey*	July 1,1901
Worcester, Mass.	36	112,000	4,123,169	112,336,099	100	1.60	Rufus B. Dodge, Jr.	Jan. 1,1901
Yonkers, N. Y.	21	45,000	2,871,013	35,439,320	..	2.18	Leslie Sutherland	Dec. 1,1901

Democrats in *italics;* Republicans in Roman; Citizens, Populist, Independent, Prohibition, or non-Political in SMALL CAPS. ‡‡Mayor Conway defines his politics as "Republican and Progressive Democrat." †† For division of realty and personalty see preceding page.

* This is the percentage of assessment upon actual valuation. † Tax on each $100 of assessed valuation for all purposes. ‡ Population of the boroughs as follows: Manhattan, 1,980,223; the Bronx, 168,867; Brooklyn, 1,245,226; Queens, 133,366; Richmond, 68,254. Area in square miles—Manhattan, 21.07; Bronx, 39.33; Brooklyn, 65.77; Queens, 123 98; Richmond, 57.19. Taxable valuations—Manhattan and Bronx, realty, $2,178,605,905; personalty, $490,482,930; Brooklyn, realty, $609,822,267; personalty, $45,270,713; Queens, realty, $103,752,600; personalty, $6,314,032; Richmond, realty, $40 264,692; personalty, $3,838,890. § Tax rate, Manhattan and Bronx, $2.48; Brooklyn, $2.36; Queens, $3.27; Richmond, $2.42. (*a*) Bonded debt, $289,379,050. (*b*) Report of Jan. 1, 1899.

GOVERNMENT OF THE DISTRICT OF COLUMBIA.

The government of the District of Columbia is vested by act of Congress approved July 11, 1878, in three Commissioners, two of whom are appointed by the President from citizens of the District having had three years' residence therein immediately preceding that appointment, and confirmed by the Senate. The other Commissioner is detailed by the President of the United States from the Corps of Engineers of the United States Army, and must have lineal rank senior to Captain, or be a Captain who has served at least fifteen years in the Corps of Engineers of the Army. The Commissioners appoint the subordinate official service of said government. The present Commissioners are John B. Wight (Republican), President, whose term will expire May 5, 1900; John W. Ross (Democrat), whose term will also expire May 5, 1900; Captain Lansing H. Beach (non-partisan), Corps of Engineers, United States Army, detailed during the pleasure of the President of the United States. The Secretary is William Tindall. The offices of the Commissioners are 464 Louisiana Avenue, N. W., Washington.

Washington had a municipal government from 1802 to 1871. By an act approved February 21, 1871, Congress provided a territorial form of government for the entire District of Columbia, with a Governor, Secretary, Board of Public Works, and Council, appointed by the President of the United States, and a House of Delegates and a delegate in Congress elected by the citizens of said district. This form of government was abolished June 20, 1874, and a temporary government by three Commissioners substituted. The temporary government by three Commissioners was incorporated by act of July 11, 1878. Congress makes all laws for the District, but has intrusted to the Commissioners authority to make police regulations, building regulations, plumbing regulations, and other regulations of a municipal nature. For area, population, assessed valuation, etc., see preceding page.

The States and the Union.

THE THIRTEEN ORIGINAL STATES.

	States.	Ratified the Constitution.		States.	Ratified the Constitution.
1	Delaware	1787, December 7.	8	South Carolina	1788, May 23.
2	Pennsylvania	1787, December 12.	9	New Hampshire	1788, June 21.
3	New Jersey	1787, December 18.	10	Virginia	1788, June 26.
4	Georgia	1788, January 2.	11	New York	1788, July 26.
5	Connecticut	1788, January 9.	12	North Carolina	1789, November 21.
6	Massachusetts	1788, February 6.	13	Rhode Island	1790, May 29.
7	Maryland	1788, April 28.			

STATES ADMITTED TO THE UNION.

	States.	Admitted.*		States.	Admitted.*
1	Vermont	1791, March 4.	17	Wisconsin	1848, May 29.
2	Kentucky	1792, June 1.	18	California	1850, September 9.
3	Tennessee	1796, June 1.	19	Minnesota	1858, May 11.
4	Ohio	1803, February 19.	20	Oregon	1859, February 14.
5	Louisiana	1812, April 30.	21	Kansas	1861, January 29.
6	Indiana	1816, December 11.	22	West Virginia	1863, June 19.
7	Mississippi	1817, December 10.	23	Nevada	1864, October 31.
8	Illinois	1818, December 3.	24	Nebraska	1867, March 1.
9	Alabama	1819, December 14.	25	Colorado	1876, August 1.
10	Maine	1820, March 15.	26	North Dakota	1889, November 2.
11	Missouri	1821, August 10.	27	South Dakota	1889, November 2.
12	Arkansas	1836, June 15.	28	Montana	1889, November 8.
13	Michigan	1837, January 26.	29	Washington	1889, November 11.
14	Florida	1845, March 3.	30	Idaho	1890, July 3.
15	Texas	1845, December 29.	31	Wyoming	1890, July 11.
16	Iowa	1846, December 28.	32	Utah	1896, January 4.

The Territories.

Territories.	Organized.	Territories.	Organized.
New Mexico	September 9, 1850	District of Columbia	July 16, 1790 March 3, 1791
Arizona	February 24, 1863	District of Alaska	July 27, 1868
Indian †	June 30, 1834	Oklahoma	May 2, 1890

* Date when admission took effect is given from U. S. Census reports. In many instances the act of admission by Congress was passed on a previous date. Ohio was recognized as a State by Congress on the date given. The Census reports make the date November 29, 1802, the day the Convention to form a Constitution adjourned. † The Indian Territory has no organized territorial government.

New Colonial Possessions.—Provision will be made in the Fifty-sixth Congress for the organization of new civil governments for Hawaii, Porto Rico, Guam, Tutuila (Samoa), and the Philippine Islands. At present the first named continues under the old government. Porto Rico and the Philippines are governed as military departments, and Guam by a Governor appointed by the President.

State and Territorial Statistics.

States and Territories.	Gross Area in Square Miles.*	Extreme Breadth, Miles.†	Extreme Length, Miles.	Capitals.	States and Territories.	Gross Area in Square Miles.*	Extreme Breadth, Miles.†	Extreme Length, Miles.	Capitals.
Alabama	51,756	200	330	Montgomery	Montana	147,061	580	315	Helena.
Alaska Ter.	599,446	800	1,100	Sitka.	Nebraska	77,531	415	205	Lincoln.
Arizona Ter.	113,870	335	390	Phœnix.	Nevada	110,679	315	485	Carson City.
Arkansas	53,228	275	240	Little Rock.	New Hamp.	9,377	90	185	Concord.
California	158,233	375	770	Sacramento.	New Jersey	8,173	70	160	Trenton.
Colorado	103,969	390	270	Denver.	N. Mexico T.	122,687	350	390	Santa Fé.
Connecticut	5 612	90	75	Hartford.	New York	53,719	320	310	Albany.
Delaware	2,380	35	110	Dover.	N. Carolina	52,674	520	200	Raleigh.
Dist. of Col.	‡69	9	10	Washington.	N. Dakota	70,879	360	210	Bismarck.
Florida	58,984	400	460	Tallahassee.	Ohio	44,464	230	205	Columbus.
Georgia	59,436	250	315	Atlanta.	Oklahoma T.	§38,958	365	210	Guthrie.
Idaho	83,828	305	490	Boisé City.	Oregon	96,838	375	290	Salem.
Illinois	58,354	205	380	Springfield.	Pennsylvania	45,928	300	180	Harrisburg.
Indiana	36,587	160	265	Indianapolis.	Rhode Island.	1,247	35	50	New. & Prov.
Indian Ter.	31,154	210	210	.....	S. Carolina	31,048	235	215	Columbia.
Iowa	56,270	300	210	Des Moines.	South Dakota.	77,580	380	245	Pierre.
Kansas	82,236	400	200	Topeka.	Tennessee	42,056	430	120	Nashville.
Kentucky	40,332	350	175	Frankfort.	Texas	266,011	760	620	Austin.
Louisiana	49,626	280	275	Baton Rouge	Utah	84,928	275	345	Salt Lake C'y
Maine	33,039	205	235	Augusta.	Vermont	9,563	90	155	Montpelier.
Maryland	12,297	200	120	Annapolis.	Virginia	42,330	425	205	Richmond.
Massachus'tts	8,546	190	110	Boston.	Washington	70,574	340	230	Olympia.
Michigan	97,990	310	400	Lansing.	W. Virginia	24,504	200	225	Charleston.
Minnesota	86,335	350	400	St. Paul.	Wisconsin	65,805	290	300	Madison.
Mississippi	46,919	180	340	Jackson.	Wyoming	97,878	365	275	Cheyenne.
Missouri	69,137	300	280	Jefferson C'y	Total U. S.	3,692,125	‖2,720	‖1,600	

Areas of the new colonial possessions: Philippines, 143,000 square miles; Porto Rico, 3,600; Hawaii, 6,740; Tutuila, 500; Guam, 54 (the General Land Office gives 175).

* Gross area includes water as well as land surface. These areas are the latest (1899) officially published by the United States General Land Office. † Breadth is from east to west. Length is from north to south. ‡ The District of Columbia was originally 100 square miles, but 30 miles were receded to Virginia in 1846. § Including the Cherokee Strip and No Man's Land. ‖ Breadth from Quoddy Head, in Maine, to Cape Flattery, in Washington; length from the 49th parallel to Brownsville, on the Rio Grande. This is exclusive of Alaska.

States and Territories.	Governors.				Legislatures.			Time of Next State or Territorial Election.
	Names.	Salaries	L'gth Term, Years.	Terms Expire.	Next Session Begins.	Ann. or Bien.	Limit of Session.	
Alabama	*Joseph F. Johnston*	$3,000	2	Dec. 1,1900	Nov. 13,1900	Bien.	50 dys	Aug. 6,1900
Alaska	John G. Brady*	3,000	4	Sept. 2,1901	....	....	....	....
Arizona	N. O. Murphy	2,500	4	Apr. 21,1901	Jan. 16,1901	Bien.	60 dys	Nov. 6,1900
Arkansas	*Dan. W. Jones*	3,500	2	Jan. 18,1901	Jan. 14,1901	Bien.	60 dys	Sept. 3,1900
California	Henry T. Gage	6,000	4	Dec. 31,1902	Jan. 7,1901	Bien.	60 dys	Nov. 4,1902
Colorado	*Chas. S. Thomas*	5,000	2	Jan. 10,1901	Jan. 2,1901	Bien.	90 dys	Nov. 6,1900
Connecticut	George E. Lounsbury	4,000	2	Jan. 4,1901	Jan. 9,1901	Bien.	None.	Nov. 6,1900
Delaware	*Ebe W. Tunnell*	2,000	4	Jan. 19,1901	Jan. 1,1901	Bien.	60 dys	Nov. 6,1900
Florida	*William D. Bloxham*	3,500	4	Jan. 1,1901	Apr. 2,1901	Bien.	60 dys	Nov. 6,1900
Georgia	*Allen D. Candler*	3,000	2	Nov. 1,1900	Oct. 24,1900	Ann.	50 dys	Oct. 3,1900
Idaho	*Frank Steunenberg*	3,000	2	Jan. 5,1901	Jan. 7,1901	Bien.	60 dys	Nov. 6,1900
Illinois	John R. Tanner	6,000	4	Jan. 11,1901	Jan. 9,1901	Bien.	None.	Nov. 6,1900
Indiana	James A. Mount	5,000	4	Jan. 7,1901	Jan. 10,1901	Bien.	60 dys	Nov. 6,1900
Iowa	Leslie M. Shaw	3,000	2	Jan. 1,1902	Jan. 14,1902	Bien.	None.	Nov. 6,1900
Kansas	W. E. Stanley	3,000	2	Jan. 11,1901	Jan. 7,1901	Bien.	40 dys	Nov. 6,1900
Kentucky	W. S. Taylor (*See note "a"*)	6,500	4	Dec. 12,1903	Jan. 6,1902	Bien.	60 dys	Nov. —,1903
Louisiana	*Murphy J. Foster*	5,000	4	Apr. 30,1900	May 14,1900	Bien.	60 dys	Apr. 17,1900
Maine	Llewellyn Powers	2,000	2	Jan. 1,1901	Jan. 2,1901	Bien.	None.	Sept. 10,1900
Maryland	*John W. Smith*	4,500	4	Jan. 8,1904	Jan. 1,1902	Bien.	90 dys	Nov. 5,1901
Massachusetts	W. Murray Crane	8,000	1	Jan. 3,1901	Jan. 3,1900	Ann.	None.	Nov. 6,1900
Michigan	Hazen S. Pingree	4,000	2	Dec. 31,1900	Jan. 2,1901	Bien.	None.	Nov. 6,1900
Minnesota	JOHN LIND	5,000	2	Jan. 1,1901	Jan. 8,1901	Bien.	90 dys	Nov. 6,1900
Mississippi	*A. H. Longino*	3,500	4	Jan. 1,1904	Jan. 7,1902	Bien.	None.	Nov. 3,1903
Missouri	*Lon V. Stephens*	5,000	4	Jan. 1,1901	Jan. 9,1901	Bien.	70 dys	Nov. 6,1900
Montana	ROBERT B. SMITH	5,000	4	Jan. 4,1901	Jan. 7,1901	Bien.	60 dys	Nov. 6,1900
Nebraska	WM. A. POYNTER	2,500	2	Jan 3,1901	Jan. 1,1901	Bien.	60 dys	Nov. 6,1900
Nevada	REINHOLD SADLER	4,000	4	Jan. 1,1903	Jan. 21,19 1	Bien.	50 dys	Nov.4,1902†
N. Hampshire	Frank W. Rollins	2,000	2	Jan. 6,1901	Jan. 2,1901	Bien.	None.	Nov. 6,1900
New Jersey	Foster M. Voorhees	10,000	3	Jan. 16,1902	Jan. 9,1900	Ann.	None.	Nov. 6,1900
New Mexico	Miguel A. Otero*	2,600	4	Jan 1,1901	Jan. 21,1901	Bien.	60 dys	Nov. 6,1900
New York	Theodore Roosevelt	10,000	2	Dec. 31,1900	Jan. 3,1900	Ann.	None.	Nov. 6,1900
N. Carolina	Daniel L. Russell	3,000	4	Jan. 1,1901	June12,1900	Bien.	60 dys	Aug. 2,1900
North Dakota	F. B. Fancher	3,000	2	Jan. 1,1901	Jan. 8,1901	Bien.	60 dys	Nov. 6,1900
Ohio	George K. Nash	8,000	2	Jan. 13,1902	Jan. 1,1902	Bien.	None.	Nov. 6,1900
Oklahoma	C. M. Barnes*	2,600	4	May 6,1901	Jan. 8,1901	Bien.	60 dys	Nov. 6,1900
Oregon	T. T. Geer	1,500	4	Jan. 8,1903	Jan. 14,1901	Bien.	40 dys	June 2,1902
Pennsylvania	Wm. A. Stone	10,000	4	Jan. 17,1903	Jan. 1,1901	Bien.	None.	Nov. 6,1900
Rhode Island	Elisha Dyer	3,000	1	May 29,1900	May 29,1900	Ann.	None.	Apr. 4,1900
S. Carolina	*M. B. McSweeney*	3,000	2	Jan. 18,1901	Jan. 8,1901	Ann.	40 dys	Nov. 6,1900
South Dakota	ANDREW E. LEE	2,500	2	Jan. 1,1901	Jan. 8,1901	Bien.	60 dys	Nov. 6,1900
Tennessee	*Benton McMillin*	4,000	2	Jan. 15,1901	Jan. 7,1900	Bien.	75 dys	Nov. 6,1900
Texas	*Joseph D. Sayers*	4,000	2	Jan. 12 1901	Jan. 8,1901	Bien.	None.	Nov. 6,1900
Utah	Heber M. Wells	2,000	4	Jan. 7,1901	Jan. 14,1901	Bien.	60 dys	Nov. 6,1900
Vermont	Edward C. Smith	1,500	2	Oct. 3,1900	Oct. 3,1900	Bien.	None.	Sept. 4,1900
Virginia	*J. Hoge Tyler*	5,000	4	Jan. 1,1902	Dec. 4,1901	Bien.	90 dys	Nov. 5,1901
Washington	J. R. ROGERS	4,000	4	Jan. 11,1901	Jan. 14,1901	Bien.	90 dys	Nov. 6,1900
West Virginia	George W. Atkinson	2,700	4	Mar. 4,1901	Jan. 9,1901	Bien.	45 dys	Nov. 6,1900
Wisconsin	Edward Scofield	5,000	2	Jan. 7,1901	Jan. 9,1901	Bien.	None.	Nov. 6,1900
Wyoming	De Forest Richards	2,500	4	Jan. 2,1903	Jan. 8,1901	Bien.	40 dys	Nov. 6,1900‡

Democrats in *italics*, Republicans in Roman, Silver party and Populist in SMALL CAPITALS.

* Territorial Governors are appointed by the President. † Nov. 6, 1900, Nevada elects one Supreme Court Judge and one Congressman. ‡ Election for Representative in Congress and for Presidential electors Nov. 6, 1900, also members of Legislature and county officers. Next general election for State officers November, 1902. Next Presidential election, Nov. 6, 1900. (a) On Jan. 31, 1900, Wm. Goebel (Dem.) was sworn in as Governor, having been declared elected by the Legislature.

NOTE.—The organization of new civil governments for Hawaii, Porto Rico, Guam, Tutuila (Samoa), and the Philippines will be provided for by the Fifty-sixth Congress.

PAY AND TERMS OF MEMBERS OF LEGISLATURES.

States and Territories.	Salaries of Members, Annual or Per Diem, while in Session.	Terms of Members, Years.		States and Territories.	Salaries of Members, Annual or Per Diem, while in Session.	Terms of Members, Years.		States and Territories.	Salaries of Members, Annual or Per Diem, while in Session.	Terms of Members, Years.	
		Senators.	Representatives			Senators.	Representatives			Senators.	Representatives
Alabama	$4 per diem	4	2	Maine	$150 ann.	2	2	Ohio	$600 ann.	2	2
Arizona	$4 "	2	2	Maryland	$5 per diem	4	2	Oklah'ma	$4 per diem	2	2
Arkansas	$6 "	4	2	Mass.	$750 ann.	1	1	Oregon	$3 "	4	2
California	$8 "	4	2	Michigan	$3 per diem	2	2	Penna	$1,500 ann.	4	2
Colorado	$7 "	4	2	Minn.	$5 "	4	2	R. Island	$1 per diem	1	1
Conn.	$300 ann.	2	2	Miss'sippi	$400 ann.	4	4	S. Carol'a	$4 "	4	2
Delaware	$5 per diem	4	2	Missouri	$5 per diem	4	2	S. Dakota	$5 "	2	2
Florida	$6 "	4	2	Montana	$6 "	4	2	Tenn.	$4 "	2	2
Georgia	$4 "	2	2	Nebraska	$300 ann.	2	2	Texas	$5 "	4	2
Idaho	$5 "	2	2	Nevada	$8 per diem	4	2	Utah	$4 "	4	2
Illinois	$1,000 ses'n.	4	2	N. Hamp.	$200 ann.	2	2	Vermont	$3 "	2	2
Indiana	$6 per diem	4	2	N. Jersey	$500 "	3	1	Virginia	$4 "	4	2
Iowa	$550 pr term	4	2	N. Mexico	$4 per diem	2	2	Wash'ton	$5 "	4	2
Kansas	$3 per diem	4	2	N. York	$1,500 ann.	2	1	W. Va.	$4 "	4	2
Kent'cky	$5 "	4	2	N. Caro'la	$4 per diem	2	2	Wisc'nsin	$500 ann.	4	2
Louisiana	$5 "	4	4	N. Dak.	$5 "	4	2	Wyoming	$5 per diem	4	2

All of the States pay mileage also with annual or per diem salaries, except Delaware and New Jersey.

UNITED STATES ASSISTANT TREASURERS.

Sub-Treasuries.	*Assistant Treasurers.*
Baltimore	James M. Sloan.
Boston	George A. Marden.
Chicago	W. P. Williams.
Cincinnati	Charles A. Bosworth.
New Orleans	Charles J. Bell.
New York	Conrad N. Jordan.
Philadelphia	John F. Finney.
St. Louis	Barnard G. Farrar.
San Francisco	Julius Jacobs.

SUPERINTENDENTS OF MINTS.

Mints.	*Superintendents.*
Carson City..(Equipped as Assay Office).	Roswell K. Colcord, Assayer in charge.
New Orleans	Charles W. Boothby.
Philadelphia	Henry K. Boyer.
San Francisco	Frank A. Leach.
Denver(Equipped as Assay Office)	J. L. Hodges, Assayer in charge.

COLLECTORS OF CUSTOMS.

Houlton, Me., Thomas H. Phair.
Bangor, Me., Albert R. Day.
Bath, Me., George Moulton, Jr.
Belfast, Me., James S. Harriman.
Castine, Me., George M. Warren.
Ellsworth, Me., Henry Whiting.
Machias, Me., John K. Ames.
Kennebunk, Me., Edwin Parsons.
Eastport, Me., George A. Curran.
Portland, Me., vacant.
Saco, Me., Freeland H. Oaks.
Waldoboro, Me., Frederick B. Hight.
Wiscasset, Me., Daniel H. Moody.
York, Me., Edward H. Banks.
Portsmouth, N. H., Rufus N. Elwell.
Bristol, R. I., Charles D. Eddy.
Newport, R. I., John H. Cozzens.
Providence, R. I., Ellery H. Wilson.
Burlington, Vt., Olin Merrill.
Newport, Vt., Zophar M. Mansur.
Bridgeport, Ct., Frank J. Naramore.
Hartford, Ct., John H. Brocklesby.
New Haven, Ct., John W. Mix.
New London, Ct., Thomas O. Thompson.
Stonington, Ct., Charles T. S'anton.
Barnstable, Mass., Thacher T. Hallet.
Boston, Mass., George H. Lyman.
Edgartown, Mass., Charles H. Marchant.
Fall River, Mass., John Desmond.
Gloucester, Mass., Frank C. Richardson.
Marblehead, Mass., Charles H. Bateman.
Nantucket, Mass., Charles E. Smalley.
New Bedford, Mass., Zephaniah W. Pease.
Newburyport, Mass., Hiram P. Mackintosh.
Plymouth, Mass., Daniel W. Andrews.
Salem, Mass., John Daland.
Buffalo, N. Y., Henry W. Brendel.
Cape Vincent, N. Y., William J. Grant.
Plattsburg, N. Y., Walter C. Witherbee.
Dunkirk, N. Y., John Bourne.
Rochester, N. Y., Henry Harrison.
New York, N. Y., George R. Bidwell.
Niagara Falls, N. Y., James Low.
Ogdensburg, N. Y., Charles A. Kellogg.
Oswego, N. Y., James H. Cooper
Sag Harbor, N. Y., Peter Dippel.
Jersey City, N.J., M. I. Fagen, Asst. Col.
Bridgeton, N. J., George W. McCowan.
Trenton, N. J., Roland Billingham.
Somers Point, N. J., Walter Fifield.
Newark, N. J., George L. Smith.
Perth Amboy, N. J., Robert Carson.
Tuckerton, N. J., Samuel P. Bartlett.
Camden, N. J., F. F. Patterson, Asst. Col.
Philadelphia, Pa., C. Wesley Thomas.
Erie, Pa., Benjamin B. Brown.
Wilmington, Del., William H. Cooper.
Washington, D. C., William B. Todd.
Annapolis, Md., Louis S. Clayton.
Baltimore, Md., William F. Stone.
Crisfield, Md., James C. Tawes.
Alexandria, Va., Marshall L. King.
Cape Charles City, Va., C. G. Smithers.
Norfolk, Va., Richard G. Banks.
Petersburg, Va., William Mahone.
Tappahannock, Va., Thomas C. Walker.
Newport News, Va., Jesse W. Elliott.
Richmond, Va., John S. Bethel.
Beaufort, N. C., Christopher D. Jones.
Newbern, N. C., Mayer Hahn.
Edenton, N. C., Kenneth R. Pendleton.
Wilmington, N. C., John C. Dancy.
Beaufort, S. C., Robert Smalls.
Charleston, S. C., John R. Tolbert.
Georgetown, S. C., A. McP. Hamby, Jr.
Brunswick, Ga., Henry T. Dunn.
Savannah, Ga., John H. Deveaux.
St. Mary's, Ga., Budd Coffee.
Mobile, Ala., Joseph W. Burke.
Shieldsboro, Miss., John P. Walworth.
Natchez, Miss., David King.
Vicksburg, Miss., Joseph H. Short.
Apalachicola, Fla., William B. Sheppard.
Cedar Keys, Fla., Samuel P. Anthony.
Fernandina, Fla., John W. Howell.
Jacksonville, Fla., William H. Lucas.
Key West, Fla., George W. Allen.
St. Augustine, Fla., Thomas B. Ge rge.
Tampa, Fla., Matthew B. Macfarlane.
Pensacola, Fla., John E. Stillman.
New Orleans, La., Augustus T. Wimberly.
Brasher, La., John A. Thornton.
Brownsville, Tex., Charles H. Maris.
Corpus Christi, Tex., James J. Haynes.
Eagle Pass, Tex., Claremont C. Drake.
El Paso, Tex., Moses Dillon.
Galveston, Tex., Frank L. Lee.
Cleveland, O., Charles F. Leach.
Sandusky, O., Edmund H. Zurhorst.
Toledo, O., John H. Puck.
Detroit, Mich., John T. Rich.
Grand Haven, Mich., George A. Farr.
Marquette, Mich., John Quincy Adams.
Port Huron, Mich., Alexander R. Avery.
Chicago, Ill., William Penn Nixon.
St. Paul, Minn., John Peterson.
Duluth, Minn., Levi M. Williams.
Milwaukee, Wis., Charles B. Roberts.
Great Falls, Mont., David G. Browne.
San Francisco, Cal., John P. Jackson.
San Diego, Cal., William W. Bowers.
Los Angeles Cal., John C. Cline.
Eureka, Cal., Sterling A. Campbell.
Astoria, Ore., John Fox.
Coos Bay, Ore., John Morgan.
Portland, Ore., Isaac L. Patterson.
Yaquina, Ore., Charles B. Crosno.
Port Townsend, Wash., F. D. Huestis.
Sitka, Alaska, Joseph W. Ivey.
Nogales, Ariz., William M. Hoey.
Pembina, N. D., Nelson E. Nelson.

SURVEYORS OF CUSTOMS.

Portland, Me., William H. Anderson.
Boston, Mass., Jeremiah J. M Carthy.
Springfield, Mass., H ny L. Hines.
Albany, N. Y., William Barnes, Jr.
Greenport, N. Y., John A. Bazzarear.
New York, N. Y., Silas C. Croft.
Patchogue, N. Y., Sidney O. Weeks.
Port Jefferson, N. Y., G. Frank Bayles.
Syracuse, N. Y., John F. Nash.
Philadelphia, Pa., Perry M. Lytle.
Pittsburgh, Pa., Mahlon M. Garland.
Baltimore, Md., John B. Hanna.
Wheeling, W. Va., Charles H. Senseney.
Atlanta, Ga., Christopher C. Wimbish.
New Orleans, La., Fenton W. Gibson.
Louisville, Ky., Cicero M. Barnett.
Paducah, Ky., John R. Puryear.
Memphis, Tenn., James Jeffreys.
Chattanooga, Tenn., Thomas B. Stapp.
Nashville, Tenn., Joseph W. Dillin.
Knoxville, Tenn., Elijah W. Adkins.
Kansas City, Mo., William L. Kessinger.
St. Joseph, Mo., William L. Beuchle.
St. Louis, Mo., Charles H. Smith.
Cincinnati, O., Lewis Voight, Sr.
Columbus, O., Elmer J. Miller.
Evansville, Ind., Walter S. Viele.
Indianapolis, Ind., Archibald A. Young.
Michigan City, Ind., Charles J. Robb.
Cairo, Ill., Thomas C. Elliott.
Galena, Ill., Richard S. Bostwick.
Peoria, Ill., Richard W. Burt.
Rock Island, Ill., Robert G. Pearce.
Burlington, Ia., Charles H. Ross.
Council Bluffs, Ia., Leander M. Shubert.
Des Moines, Ia., L ander M. Shubert.
Dubuque, Ia., John M. Lenihan.
Sioux City, Ia., James H. Bolton.
Denver, Col., Charles H. Brickenstein.
Lincoln, Neb., Charles H. Morrill.
Omaha, Neb., Cadet Taylor.
La Crosse, Wis., Robert Calvert.
Grand Rapids, Mich., James A. Coye.
San Francisco, Cal., Joseph S. Spear, Jr.

NAVAL OFFICERS OF CUSTOMS.

Boston, Mass., James O. Lyford.
New York, N. Y., Robert A. Sharkey.
New Orleans, La., John Webre.
Baltimore, Md., Norman B. Scott, Jr.
San Francisco, Cal., John P. Irish.
Philadelphia, Pa., James B. Holland.

POSTMASTERS OF PRINCIPAL CITIES OF THE UNITED STATES.

New York, Cornelius Van Cott, 1897.
Chicago, Ill., Charles Ulysses Gordon, 1897.
Philadelphia, Pa., Thomas L. Hicks, 1897.
Brooklyn, N.Y., Francis H. Wilson, 1897.
St. Louis, Mo., F. W. Banmhoff, 1898.
Boston, Mass., George A. Hibbard, 1899.
Baltimore, Md., S. Davies Warfield, 1894—1899 (reappointed).
San Francisco, Cal., W. W. Montague, 1897.
Cincinnati, O., Elias R. Monfort, 1899.
Cleveland, O., Charles C. Dewstoe, 1899.
Buffalo, N. Y., Samuel G. Dorr, 1899.
New Orleans, La., John R. G. Pitkin, 1898.
Pittsburgh, Pa., George L. Holliday, 1898.
Washington, D. C., John A. Merritt, 1899.
Detroit, Mich., F. B. Dickerson, 1897.
Milwaukee, Wis., E. R. Stillman, 1898.
Newark, N. J., James L. Hays, 1899.
Minneapolis, Minn., S. B. Lovejoy, 1898.
Jersey City, N. J., Peter F. Wainser, 1898.
Louisville, Ky., Thomas H. Baker, 1897.
Omaha, Neb., Joseph Crow, 1899.
Rochester, N. Y., James S. Graham, 1898.
St. Paul, Minn., Robert A. Smith, 1896.
Kansas City, Mo., Samuel F. Scott, 1898.
Providence, R. I., Richard Hayward, 1895.
Denver, Col., John C. Twombly, 1899.
Indianapolis, Ind., James W. Hess, 1898.
Allegheny, Pa., James A. Grier, 1898.
Albany, N. Y., C. E. Argersinger, 1899.
Columbus, O., Robert M. Rownd, 1898.
Syracuse, N. Y., Dwight H. Bruce, 1897.
Worcester, Mass., J. Evarts Greene, 1897.
Toledo, O., William H. Tucker, 1898.
Richmond, Va., Wray T. Knight, 1898.
New Haven, Ct., Jas. A. Howarth, 1898.
Lowell, Mass., Albert G. Thompson, 1898.
Nashville, Tenn., Andrew W. Wills, 1898.
Scranton, Pa., Ezra H. Ripple, 1897.
Fall River, Mass., George A. Ballard, 1898.
Atlanta, Ga., William H. Smyth, 1897.
Memphis, Tenn., L. W. Dutrow, 1899.
Wilmington, Del., Hugh C. Browne, 1898.
Dayton, O., vacant by death.
Troy, N. Y., Joseph A. Leggett, 1898.
Grand Rapids, Mich., L. K. Bishop, 1898.
Reading, Pa., Augustus M. High, 1899.
Camden, N. J., Louis T. Derousse, 1898.
Trenton, N. J., Alexander C. Yard, 1898.
Lynn, Mass., E. Knowlton Fogg, 1898.
Charleston, S. C., G. I. Cunningham, 1898.

THE FEDERAL GOVERNMENT—*Continued.*

THE JUDICIARY.

SUPREME COURT OF THE UNITED STATES.

Chief Justice of the United States—Melville W. Fuller, of Illinois, born 1833, appointed 1888.

	Born.	App.		Born.	App.
Asso. Justice—John M. Harlan, Ky	1833	1877	*Asso. Justice*—George Shiras, Jr., Pa	1832	1892
" " Horace Gray, Mass	1828	1881	" " Edward D. White, La	1845	1894
" " David J. Brewer, Kan	1837	1889	" " Rufus W. Peckham, N. Y.	1837	1895
" " Henry B. Brown, Mich	1836	1890	" " Joseph McKenna, Cal	1843	1898

Reporter—J. C. Bancroft Davis, N. Y. *Clerk*—J. H. McKenney, D. C. *Marshal*—John M. Wright, Ky.

The salary of the Chief Justice of the United States is $10,500; Associate Justices, $10,000 each; of the Reporter, $4,500; Marshal, $3,500; Clerk of the Supreme Court, $6,000.

CIRCUIT COURTS OF THE UNITED STATES.

Cir.	Judges.	App.
1.	Le Baron B. Colt, R. I.	1884
	William L. Putnam, Me	1892
2.	William J. Wallace, N. Y	1882
	E. Henry Lacombe, N. Y	1887
	Nathaniel Shipman, Ct	1892
3.	Marcus W. Acheson, Pa	1891
	George M. Dallas, Pa	1892
	George Gray, Del	1899
4.	Nathan Goff, W. Va	1892
	Charles H. Simonton, S. C	1893
5.	Don A. Pardee, La	1881
	A. P. McCormick, Tex	1892
	David D. Shelby, Ala	1899
6.	William H. Taft, Ohio	1892
	Horace H. Lurton, Tenn	1893
	William R. Day, Ohio	1899
7.	William A. Woods, Ind	1892
	James G. Jenkins, Wis	1893
	Peter S. Grosscup, Ill	1899
8.	Henry C. Caldwell, Ark	1890
	Walter H. Sanborn, Minn	1892
	Amos M. Thayer, Mo	1894
9.	William W. Morrow, Cal	1897
	William B. Gilbert, Ore	1892
	Erskine M. Ross, Cal	1895

Salaries, $6,000 each. The judges of each circuit and the justice of the Supreme Court for the circuit constitute a Circuit Court of Appeals. The FIRST CIRCUIT consists of Maine, Massachusetts, New Hampshire, Rhode Island. SECOND—Connecticut, New York, Vermont. THIRD—Delaware, New Jersey, Pennsylvania. FOURTH—Maryland, North Carolina, South Carolina, Virginia, West Virginia. FIFTH—Alabama, Florida, Georgia, Louisiana, Mississippi, Texas. SIXTH—Kentucky, Michigan, Ohio, Tennessee. SEVENTH—Illinois, Indiana, Wisconsin. EIGHTH—Arkansas, Colorado, Indian and Oklahoma Territories, Iowa, Kansas, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, South Dakota, Utah, Wyoming. NINTH—Alaska, Arizona, California, Idaho, Montana, Nevada, Oregon, Washington.

UNITED STATES COURT OF CLAIMS.

Chief Justice—Charles C. Nott, N. Y. *Associate Judges*—Lawrence Weldon, Ill.; Stanton J. Peelle, Ind.; John Davis, D. C.; Charles B. Howry, Miss. Salaries, $4,500 each. *Chief Clerk*—Archibald Hopkins, Mass., $3,000.

UNITED STATES COURT OF PRIVATE LAND CLAIMS.

Chief Justice—Joseph R. Reed, Iowa. *Justices*—Wilbur F. Stone, Col.; Henry C. Sluss, Kan.; Thomas C. Fuller, N. C.; William W. Murray, Tenn. *U. S. Attorney*—Matthew G. Reynolds, Mo.

COURT OF APPEALS OF THE DISTRICT OF COLUMBIA.

Chief Justice—Richard H. Alvey, Md., $6,500. *Justices*—Martin F. Morris, D. C., $6,000; Seth Shepard, Tex., $6,000. *Clerk*—Robert Willett, D. C., $3,000.

SUPREME COURT OF THE DISTRICT OF COLUMBIA.

Chief Justice—Edward F. Bingham, N. H. *Associate Justices*—Alexander B. Hagner, Md.; Job Barnard, Andrew C. Bradley, D. C.; Harry M. Clabaugh, Md.; Charles C. Cole, D. C. Salaries, $5,000 each. *Clerk*—John R. Young, $3,500.

DISTRICT COURTS OF THE UNITED STATES.

Districts.	Judges.	Addresses.	Salaries.
Ala.: N. & M.	John Bruce	Montgomery	$5,000
" S. D.	H. T. Toulmin	Mobile	5,000
Alaska	Chas. S. Johnson	Sitka	3,000
Arizona	Webster Street	Phœnix	3,000
Ark.: E. D.	John A. Williams	Little Rock	5,000
" W. D.	John H. Rogers	Fort Smith	5,000
Cal.: N. D.	John J. De Haven	San Francisco	5,000
" S. D.	Olin Wellborn	Los Angeles	5,000
Colorado	Moses Hallett	Denver	5,000
Connecticut	W. K. Townsend	New Haven	5,000
Delaware	Ed. G. Bradford	Wilmington	5,000
Fla.: N. D.	Charles Swayne	Pensacola	5,000
" S. D.	James W. Locke	Jacksonville	5,000
Ga.: N. D.	Wm. T. Newman	Atlanta	5,000
" S. D.	Emory Speer	Macon	5,000
Idaho	James H. Beatty	Boise City	5,000
Ill.: N. D.	C. C. Kohlsaat	Chicago	5,000
" S. D.	William J. Allen	Springfield	5,000
Indian Ter.	Wm. M. Springer	Muscogee	5,000
" "	W. H. H. Clayton	S. McAlester	5,000
" "	Hosea Townsend	Ardmore	5,000
" "	John R. Thomas	Vinita	5,000
Indiana	John H. Baker	Indianapolis	5,000
Iowa: N. D.	Oliver P. Shiras	Dubuque	5,000
" S. D.			5,000
Kansas	Wm. C. Hook	Leavenworth	5,000
Kentucky	Walter Evans	Louisville	5,000
La.: E. D.	Charles Parlange	New Orleans	5,000
" W. D.	Aleck Boarman	Shreveport	5,000
Maine	Nathan Webb	Portland	5,000
Maryland	Thomas J. Morris	Baltimore	5,000
Mass.	Francis C. Lowell	Boston	5,000
Mich.: E. D.	Henry H. Swan	Detroit	5,000
" W. D.	H. F. Severens	Grand Rapids	5,000
Minnesota	Wm. Lochren	Minneapolis	5,000
Miss.: N. & S.	Henry C. Niles	Kosciusko	5,000
Montana	Hiram Knowles	Helena	5,000
Mo.: E. D.	Elmer B. Adams	St. Louis	$5,000
" W. D.	John F. Philips	Kansas City	5,000
Nebraska	Wm. H. Munger	Omaha	5,000
Nevada	Thos. P. Hawley	Carson City	5,000
N. H.	Edgar Aldrich	Littleton	5,000
New Jersey	A. Kirkpatrick	Newark	3,000
New Mexico	Wm. J. Mills	Las Vegas	3,000
N. Y.: N. D.	Alfred C. Coxe	Utica	5,000
" S. D.	Addison Brown	N. Y. City	5,000
" E. D.	Edw. B. Thomas	Brooklyn	5,000
N. C.: E. D.	Thos. R. Purnell	Raleigh	5,000
" W. D.	H. G. Ewart	H'dersonv'le	5,000
N. Dakota	Chas. F. Amidon	Fargo	5,000
Ohio: N. D.	A. J. Ricks	Cleveland	5,000
" S. D.	A. C. Thompson	Cincinnati	5,000
Oklahoma	John H. Burford	Guthrie	3,000
Oregon	C. B. Bellinger	Portland	5,000
Pa.: E. D.	J. B. McPherson	Philadelphia	5,000
" W. D.	Jos. Buffington	Pittsburgh	5,000
R. Island	Arthur L. Brown	Providence	5,000
S. Carolina	Wm. H. Brawley	Charleston	5,000
S. Dakota	John E. Carland	Sioux Falls	5,000
Tenn.: E. & M.	Charles D. Clark	Chattanooga	5,000
" W. D.	E. S. Hammond	Memphis	5,000
Tex.: E. D.	David E. Bryant	Sherman	5,000
" W. D.	Thos. S. Maxey	Austin	5,000
" N. D.	Edw. R. Meek	Fort Worth	5,000
Utah	John A. Marshall	Salt Lake C.	5,000
Vermont	H. H. Wheeler	Brattleboro	5,000
Va.: E. D.	E. Waddill, Jr.	Richmond	5,000
" W. D.	John Paul	Harrisonburg	5,000
Washington	C. H. Hanford	Seattle	5,000
W. Virginia	J. J. Jackson	Parkersburg	5,000
Wis.: E. D.	W. H. Seaman	Sheboygan	5,000
" W. D.	Romanzo Bunn	Madison	5,000
Wyoming	John A. Riner	Cheyenne	5,000

United States District Attorneys and Marshals.

States.	District Attorneys.			Marshals.		
	Names.	Official Address.	Dates of Commissions.	Names.	Official Address.	Dates of Commissions.
Alabama, N.	William Vaughan	Birmingham	June 1, '97	Daniel N. Cooper	Birmingham	Jan. 14, '98
" M.	W. S. Reese, Jr.	Montgomery	Apr. 14, '97	Leander J. Bryan	Montgomery	Jan. 31, '98
" S.	M. D. Wickersham	Mobile	July 24, '97	Frank Simmons	Mobile	Mar. 4, '99
Alaska	Robt. A. Friedrich	Sitka	Dec. 20, '98	James M. Shoup	Sitka	June 26, '97
Arizona	Robt. E. Morrison	Prescott	Feb. 15, '98	Wm. M. Griffith	Tucson	June 15, '97
Arkansas, E	Jacob Trieber	Little Rock	Apr. 5, '97	H. M. Cooper	Little Rock	Apr. 5, '97
" W.	James K. Barnes	Fort Smith	May 11, '98	S. F. Stahl	Fort Smith	June 1, '97
California, N.	Frank L. Coombs	San Francisco	Feb. 20, '99	John H. Shine	San Francisco	May 29, '98
" S.	Frank P. Flint	Los Angeles	Apr. 8, '97	Henry Z. Osborne	Los Angeles	May 16, '98
Colorado	G. W. Whitford	Denver	Apr. 20, '97	Dewey C. Bailey	Denver	June 6, '98
Connecticut	C. W. Comstock	Hartford	Apr. 2, '96	Edson S. Bishop	New Haven	Aug. 8, '98
Delaware	Wm. M. Byrne	Wilmington	June 15, '99	John C. Short	Wilmington	Jan. 10, '98
Dist. of Col.	Thos. H. Anderson	Washington	Oct. 1, '99	Aulick Palmer	Washington	Jan. 9, '98
Florida, N.	John Eagan	Pensacola	Jan. 31, '98	T. F. McGourin	Pensacola	Jan. 10, '98
" S.	J. N. Stripling	Jacksonville	Jan. 10, '98	John F. Horr	Jacksonville	Feb. 18, '98
Georgia, N.	Edgar A. Angier	Atlanta	Apr. 13, '97	W. H. Johnson	Atlanta	June 25, '97
" S.	Marion Erwin	Macon	Apr. 13, '97	John M. Barnes	Macon	June 15, '97
Idaho	Robert V. Cozier	Moscow	Jan. 10, '98	Frank C. Ramsey	Boise City	Dec. 20, '98
Illinois, N.	S. H. Bethea	Chicago	Dec. 20, '98	John C. Ames	Chicago	Dec. 18, '97
" S.	J. Otis Humphrey	Springfield	June 25, '97	Charles P. Hitch	Springfield	June 25, '97
Indiana	A. W. Wishard	Indianapolis	Mar. 22, '97	S. E. Kercheval	Indianapolis	Mar. 22, '97
Indian Ter. N.	Pliny L. Soper	Vinita	Apr. 14, '97	Leo E. Bennett	Muscogee	Jan. 10, '98
C.	John H. Wilkins	S. McAlester	Jan. 10, '98	Jasper P. Grady	S. McAlester	Apr. 19, '97
S.	W. B. Johnson	Ardmore	Jan. 14, '98	John S. Hammer	Ardmore	Jan. 10, '98
Iowa, N.	H. G. McMillan	Cedar Rapids	Feb. 2, '98	Edward Knott	Dubuque	Feb. 19, '98
" S.	Lewis Miles	Corydon	Jan. 10, '98	Geo. M. Christian	Des Moines	Feb. 28, '98
Kansas	Isaac E. Lambert	Topeka	July 17, '97	Wm. E. Sterne	Topeka	Jan. 12, '98
Kentucky	Reuben D. Hill	Louisville	Feb. 22, '98	Addison D. James	Louisville	June 25, '97
Louisiana, E.	J. W. Gurley, Jr.	New Orleans	May 26, '96	Charles Fontelieu	New Orleans	Dec. 20, '98
" W.	Milton C. Elstner	Shreveport	Dec. 20, '98	James M. Martin	Shreveport	Dec. 12, '95
Maine	Isaac W. Dyer	Portland	Jan. 10, '98	H. B. Saunders	Portland	Feb. 23, '98
Maryland	John C. Rose	Baltimore	May 12, '98	William F. Airey	Baltimore	July 17, '98
Massachus'ts	Boyd B. Jones	Boston	Mar. 25, '97	Chas. K. Darling	Boston	Feb. 8, '99
Michigan, E.	Wm. D. Gordon	Detroit	May 2, '98	E. R. Durham	Detroit	May 2, '98
" W.	George G. Covell	Grand Rapids	Feb. 15, '98	A. Oren Wheeler	Grand Rapids	Feb. 14, '98
Minnesota	Robert G. Evans	St. Paul	May 5, '98	W. H. Grimshaw	St. Paul	Mar. 11, '99
Mississ'pi, N.	M. A. Montg'm'ry	Oxford	Jan. 10, '98	G. M. Buchanan	Oxford	Sept. 26, '99
" S.	Albert M. Lea	Vicksburg	Jan. 10, '98	Fred. W. Collins	Jackson	Jan. 10, '98
Missouri, E.	Edward A. Rozier	St. Louis	Mar. 9, '98	Louis C. Bohle	St. Louis	Apr. 18, '98
" W.	William Warner	Kansas City	Feb. 28, '98	E. R. Durham	Kansas City	July 1, '98
Montana	Wm. B. Rodgers	Helena	Feb. 28, '98	Jos. P. Woolman	Helena	May 12, '98
Nebraska	W. S. Summers	Omaha	Dec. 20, '98	T. L. Mathews	Omaha	Oct. 25, '99
Nevada	S. Summerfield	Carson City	Jan. 10, '98	J. F. Emmitt	Carson City	June 24, '98
N. H'mpshire	Chas. J. Hamblett	Concord	Mar. 15, '98	Eugene P. Nute	Concord	Mar. 13, '99
New Jersey	J. Kearney Rice	N. Brunswick	Feb. 13, '96	Thomas J. Alcott	Trenton	Apr. 14, '97
New Mexico	Wm. B. Childers	Albuquerque	Dec. 15, '96	C. M. Foraker	Albuquerque	July 24, '97
New York, N	Chas. H. Brown	Buffalo	Oct. 25, '99	Wm. R. Compton	Elmira	July 17, '98
" S	Henry L. Burnett	New York	Jan. 14, '98	William Henkel	New York	Jan. 14, '98
" E	George H. Pettit	Brooklyn	Dec. 20, '98	Chas. J. Haubert	Brooklyn	Mar. 6, '98
N. Carolina, E	C. M. Bernard	Raleigh	Jan. 31, '98	Henry C. Dockery	Raleigh	Jan. 10, '98
" W	Alfred E. Holton	Winston	Jan. 10, '98	Jas. M. Milliken	Greensboro	Mar. 30, '97
North Dakota	Pat'k H. Rourke	Fargo	May 9, '98	John E. Haggart	Fargo	Jan. 23, '98
Ohio, N.	Samuel D. Dodge	Cleveland	Dec. 12, '95	Mat. A. Smalley	Cleveland	Feb. 18, '96
" S.	Wm. E. Bundy	Cincinnati	May 6, '98	Vivian J. Fagin	Cincinnati	Mar. 2, '99
Oklahoma	J. W. Scothom	Guthrie	Nov. 18, '99	C. H. Thompson	Guthrie	Jan. 10, '98
Oregon	John H. Hall	Portland	Jan. 10, '98	Zoeth Houser	Portland	Jan. 10, '98
P'sylvania, E	James M. Beck	Philadelphia	Mar. 28, '96	James B. Reilly	Philadelphia	Apr. 4, '96
" W	Daniel B. Heiner	Pittsburgh	Jan. 10, '98	Fred. C. Leonard	Pittsburgh	Jan. 15, '98
Rhode Island	Chas. A. Wilson	Providence	Jan. 10, '98	James S. McCabe	Providence	Feb. 11, '96
So. Carolina	Abial Lathrop	Charleston	July 24, '97	L. D. Melton	Charleston	Mar. 14, '98
So. Dakota	James D. Elliott	Sioux Falls	Apr. 3, '97	Edw. G. Kennedy	Sioux Falls	Jan. 10, '98
Tennessee, E.	Wm. D. Wright	Knoxville	July 24, '97	Rich. W. Austin	Knoxville	July 7, '97
" M.	A. M. Tillman	Nashville	Feb. 1, '98	John W. Overall	Nashville	Mar. 9, '98
" W.	George Randolph	Memphis	June 8, '98	Thomas H. Baker	Memphis	Mar. 9, '98
Texas, N.	Wm. H. Atwell	Dallas	June 18, '98	George H. Green	Dallas	Dec. 20, '98
" E.	M. C. McLemore	Galveston	Feb. 13, '99	John Grant	Paris	Mar. 1, '98
" W.	Henry Terrell	San Antonio	June 6, '98	Geo. L. Siebrecht	San Antonio	Jan. 10, '98
Utah	C. O. Whittemore	Salt Lake City	June 8, '98	Glen Miller	Salt Lake City	Jan. 10, '98
Vermont	James L. Martin	Brattleboro	Jan. 10, '98	Fred. A. Field	Rutland	June 24, '98
Virginia, E.	Edgar Allan	Norfolk	Dec. 20, '99	Morgan Treat	Richmond	Feb. 19, '98
" W.	Thos. M. Alderson	Abingdon	Feb. 1, '98	S. Brown Allen	Harrisonburg	Feb. 1, '98
Washington	Wilson R. Gay	Seattle	Feb. 2, '98	Clarence W. Ide	Tacoma	July 1, '97
West Virginia	Joseph H. Gaines	Charleston	May 25, '97	J. K. Thompson	Parkersburg	June 8, '97
Wisconsin, E.	Milton C. Phillips	Oshkosh	Apr. 22, '97	Thomas B. Reid	Milwaukee	June 15, '98
" W	David F. Jones	La Crosse	July 7, '98	Wm. H. Canon	Madison	Feb. 4, '96
Wyoming	Timothy F. Burke	Cheyenne	Sept. 22, '98	Frank A. Hadsell	Cheyenne	Sept. 22, '98

N., Northern; S., Southern; E., Eastern; W., Western; M., Middle.

United States Military Academy at West Point.

EACH Congressional District and Territory—also the District of Columbia—is entitled to have one cadet at the Academy. There are also twenty appointments at large, specially conferred by the President of the United States. The number of students is thus limited to three hundred and eighty-one. At present there are two extra cadets at the Academy, who were authorized by Congress to enter it at their own expense from Venezuela and Costa Rica.

Appointments are usually made one year in advance of date of admission, by the Secretary of War, upon the nomination of the Representative. These nominations may either be made after competitive examination or given direct, at the option of the Representative. The Representative may nominate a legally qualified second candidate, to be designated the alternate. The alternate will receive from the War Department a letter of appointment, and will be examined with the regular appointee, and if duly qualified will be admitted to the Academy in the event of the failure of the principal to pass the prescribed preliminary examinations. Appointees to the Military Academy must be between seventeen and twenty-two years of age, free from any infirmity which may render them unfit for military service, and able to pass a careful examination in reading writing, orthography, arithmetic, grammar, geography, and history of the United States.

The course of instruction, which is quite thorough, requires four years, and is largely mathematical and professional. The principal subjects taught are mathematics, French, drawing, drill regulations of all arms of the service, natural and experimental philosophy, chemistry, chemical physics, mineralogy, geology, and electricity, history, international, constitutional, and military law. Spanish, and civil and military engineering, and art and science of war, and ordinance and gunnery. About one-fourth of those appointed usually fail to pass the preliminary examinations, and but little over one-half the remainder are finally graduated. The discipline is very strict—even more so than in the army—and the enforcement of penalties for offences is inflexible rather than severe. Academic duties begin September 1 and continue until June 1. Examinations are held in each January and June, and cadets found proficient in studies and correct in conduct are given the particular standing in their class to which their merits entitle them, while those cadets deficient in either conduct or studies are discharged.

From about the middle of June to the end of August cadets live in camp, engaged only in military duties and receiving practical military instruction. Cadets are allowed but one leave of absence during the four years' course, and this is granted at the expiration of the first two years. The pay of a cadet is $540 per year, and, with proper economy, is sufficient for his support. The number of students at the Academy is usually about three hundred and fifty.

Upon graduating cadets are commissioned as second lieutenants in the United States Army. The whole number of graduates from 1802 to 1899, inclusive, has been three thousand nine hundred and thirty-nine (3,939). It is virtually absolutely necessary for a person seeking an appointment to apply to his Member of Congress. The appointments by the President are usually restricted to sons of officers of the army and navy, who, by reason of their shifting residence, due to the necessities of the service, find it next to impossible to obtain an appointment from a Congressional District.

The Academy was established by act of Congress in 1802. An annual Board of Visitors is appointed, seven being appointed by the President of the United States, two by the President of the Senate, and three by the Speaker of the House of Representatives. They visit the Academy in June, and are present at the concluding exercises of the graduating class of that year. The Superintendent is Colonel Albert L. Mills, United States Army, and the military and academic staff consists of sixty-two persons. First Lieutenant William C. Rivers, First Cavalry, is adjutant.

The two oldest living graduates of the Military Academy are Joseph Smith Bryce, of the District of Columbia, and Thomas A. Davies, of New York, who were graduated in 1829.

United States Naval Academy at Annapolis.

THERE are allowed at the Academy one naval cadet for each Member or Delegate of the United States House of Representatives, one for the District of Columbia, and ten at large. The appointment of cadets at large and for the District of Columbia is made by the President. The Secretary of the Navy, as soon after March 5 in each year as possible, must notify in writing each Member and Delegate of the House of Representatives of any vacancy that may exist in his district. The nomination of a candidate to fill the vacancy is made, on the recommendation of the Member or Delegate, by the Secretary. Candidates must be actual residents of the districts from which they are nominated.

The course of naval cadets is six years, the last two of which are spent at sea. Candidates at the time of their examination for admission must be not under fifteen nor over twenty years of age and physically sound, well formed, and of robust constitution. They are examined mentally by the academic board in reading, writing, spelling, arithmetic, geography, English grammar, United States history, world's history, algebra through quadratic equations, and plane geometry (five books of Chauvenet's Geometry, or an equivalent). Deficiency in any one of these subjects may be sufficient to insure the rejection of the candidate. They enter the Academy immediately after passing the prescribed examinations, and are required to sign articles binding themselves to serve in the United States Navy eight years (including the time of probation at the Naval Academy), unless sooner discharged. The pay of a naval cadet is $500 a year, beginning at the date of admission.

Appointments to fill all vacancies that may occur during a year in the lower grades of the Line of the Navy and of the Marine Corps will be made from the naval cadets, graduates of the year, at the conclusion of their six years' course, in the order of merit as determined by the Academic Board of the Naval Academy.

At least fifteen appointments from such graduates are made each year. Surplus graduates who do not receive appointments are given a certificate of graduation, an honorable discharge and one year's sea pay.

The Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy in the Administration of President Polk. It was formally opened October 10 of that year, with Commander Franklin Buchanan as Superintendent. During the Civil War it was removed from Annapolis, Md., to Newport, R. I., but was returned to the former place in 1865. It is under the direct supervision of the Bureau of Navigation, Navy Department. Rear-Admiral F. V. McNair, United States Navy, is the present Superintendent.

The Army.

GENERAL OFFICERS OF THE REGULAR LINE.

Rank.	*Name.*	*Command.*	*Headquarters.*
Major-General	Nelson A. Miles	United States Army	Washington, D. C.
"	Wesley Merritt	Department of the East	New York City.
"	John R. Brooke	On service War Department	Washington, D. C.
Brigadier-General	Elwell S. Otis	Department of the Pacific	Manila.
"	James F. Wade	Department of Dakota	St. Paul, Minn.
"	Henry C. Merriam	Department of the Colorado	Denver, Col.
"	Thomas M. Anderson	Department of the Lakes	Chicago, Ill.
"	Samuel B. M. Young	On service in the Philippines	Manila.
"	Arthur MacArthur	On service in the Philippines	Manila.
"	William Ludlow	Department of Havana	Havana.

GENERAL OFFICERS OF THE REGULAR STAFF.

Brigadier-General	Henry C. Corbin	Adjutant-General	Washington, D. C.
"	M. I. Ludington	Quartermaster-General	Washington, D. C.
"	Alfred E. Bates	Paymaster-General	Washington, D. C.
"	Charles P. Eagan	Commissary-General	Washington, D. C.
"	Geo. M. Sternberg	Surgeon-General	Washington, D. C.
"	Adolphus W. Greely	Chief Signal Officer	Washington, D. C.
"	John M. Wilson	Chief of Engineers	Washington, D. C
"	Adelbert R. Buffington	Chief of Ordnance	Washington, D. C.
"	Jos. C. Breckinridge	Inspector-General	Washington, D. C.
"	Guido N. Lieber	Judge-Advocate-General	Washington, D. C.
"	Fred. C. Ainsworth	Chief of Record and Pen. Office	Washington, D. C.

GENERALS ON THE RETIRED LIST; REGULAR ARMY.

Name.	*Rank.*	*Residence.*
Baird, Absalom	Brig.-Gen.	Washington, D. C.
Batchelder, Rich. N.	"	New York City.
Bell, William H.	"	Denver, Col.
Breck, Samuel	"	Boston, Mass.
Burke, Daniel W.	"	Washington, D. C.
Carey, A. B.	"	Washington, D. C.
Carlin, W. P.	"	New York City.
Carlton, Caleb H.	"	New York City.
Carpenter, G. S	"	Washington, D. C.
Carpenter, L. H.	"	Washington, D. C.
Carr, Eugene A.	"	New York City.
Coppinger, J. J.	"	Washington, D. C.
Craighill, W. P.	"	Charlest'wn, W. Va
Drum, R. C.	"	Bethesda, Md.
Du Barry, B.	"	Washington, D. C.
Fessenden, F.	"	Portland, Me.
Forsyth, James W.	Maj.-Gen.	Columbus, O.
Frank, Royal T.	Brig.-Gen.	Washington, D. C.
Graham, W. M	"	Atlanta, Ga.
Grierson, B. H.	"	Jacksonville, Ill.
Hammond, W. A.	"	Washington, D. C.
Hardin, M. D.	"	Chicago, Ill.
Hawkins, H. S.	"	Fort Slocum, N. Y.
Hawkins, John P.	"	Indianapolis, Ind.
Holabird, S. B.	"	Washington, D. C.
Howard, Oliver O.	Maj.-Gen.	New York City.
Kellogg, Edgar R.	Brig.-Gen.	Fort Logan, Col.
Kent, Jacob F.	"	Troy, N. Y.
Long, Eli	"	Plainfield, N. J.
Macfeely, R.	"	Washington, D. C.
McCook, A. McD.	Maj.-Gen.	Asheville, N. C.
Miller, M. P	Brig.-Gen.	Washington, D. C.
Mills, Anson	"	Washington, D. C.
Moore, John	"	Washington, D. C.
Morgan, M. R	"	St. Paul, Minn.
Murray, Robert	"	Philadelphia, Pa.
Nash, Wm. H.	"	Columbus, O.
Ovenshine, S.	"	Washington, D. C.
Patterson, John H.	"	Cooperstown, N. Y.
Pennington, A. C. M.	"	Washington, D. C.
Rochester, W. B.	"	Washington, D. C.
Rucker, D. H.	"	Washington, D. C.
Ruger, Thos. H.	Maj.-Gen.	Easton, Pa.
Ruggles, George D.	Brig.-Gen.	Washington, D. C.
Sawtelle, C. G	"	Washington, D. C.
Schofield, John M.	Lieut.-Gen.	St. Augustine, Fla.
Shafter, W. R.	Brig.-Gen.	San Francisco, Cal.
Sickles, Daniel E.	Maj.-Gen.	New York City.
Sinclair, Wm.	Brig.-Gen.	Washington, D. C.
Smith, William	"	St. Paul, Minn.
Stanley, David S.	"	Washington, D. C.
Stanton, T. H.	"	Omaha, Neb.
Sullivan, Thos. C.	"	Troy, O.
Sumner, E. V.	"	Denver, Col.
Weeks, George H.	"	Washington, D. C.
Wheaton, Frank	Maj.-Gen.	London, England.
Wherry, Wm. M.	Brig.-Gen.	Cincinnati, O.
Willcox, O. B.	"	Washington, D. C.
Williams, Robert	"	Washington, D. C.
Wood, T. J	"	Dayton, O.
Worth, Wm. S.	"	Ft. Hamilton, N. Y.

The following are the dates of the future retirements of Generals now on the active list: Major-General Wesley Merritt, June 16, 1900; Brigadier-General Guido N. Lieber, May 21, 1901; Chief of Engineers John M. Wilson, October 8, 1901; Brigadier-General Henry C. Merriam, November 13, 1901; Chief of Ordnance A. R. Buffington, November 22, 1901; Brigadier-General Elwell S. Otis, March 25, 1902; Brigadier-General George M. Sternberg, June 8, 1902; Brigadier-General John R. Brooke, July 21, 1902; Quartermaster-General M. I. Ludington, July 4, 1903; Major-General Nelson A. Miles, August 8, 1903; Paymaster-General Alfred E. Bates, July 15, 1904; Commissary-General Charles P. Eagan, January 16, 1905; Brigadier-General Joseph C. Breckinridge, January 14, 1906; Adjutant-General Henry C. Corbin, September 15, 1906; Brigadier-General, James F. Wade, April 14, 1907; Brigadier-General Adolphus W. Greely, March 27, 1908; Brigadier-General Fred. C. Ainsworth, September 11, 1916.

GENERAL OFFICERS UNITED STATES VOLUNTEERS.

MAJOR-GENERALS.

Name.	*Command.*	*Headquarters.*
W. R. Shafter	Dept. California	San Francisco
Elwell S. Otis	Dept. of the Pacific	Manila.
A. MacArthur	Service, Philip'nes	Manila.
Leonard Wood	Dept. of Cuba	Havana.
John C. Bates	Service in Cuba	Santa Clara.

BRIGADIER-GENERALS.

Name.	*Command.*	*Headquarters.*
Jas. H. Wilson	Matanzas & S. Clara	Matanzas.
Fitzhugh Lee	Dept. Havana, etc.	Havana.
Jos. Wheeler	Service, Philip'nes	Manila.
Adna R. Chaffee	Service in Cuba	P'rto Principe
George W. Davis	Dept. Porto Rico	San Juan.
Theo. Schwan	Service, Philip'nes	Manila.
Robert H. Hall	Service, Philip'nes	Manila.
Loyd Wheaton*	Service, Philip'nes	Manila.
F. D. Grant	Service, Philip'nes	Manila.
R. P. Hughes	Inspec-Gen's Dept.	Washington.
James F. Smith	Service, Philip'nes	Manila.
Fred'k Funston	Service, Philip'nes	Manila.
Edgar B. Kellogg	Service, Philip'nes	Manila.
G. S. Carpenter	Service, Philip'nes	Manila.
Wm. A. Kobbe	Service, Philip'nes	Manila.
J. Franklin Bell	Service, Philip'nes	Manila.

* Major-General of Volunteers by brevet.

ORGANIZATION OF THE UNITED STATES REGULAR ARMY.

The Congress of the United States, by act of March 4, 1899, reorganized the army on the following basis: The President was authorized to maintain the Regular Army at a strength not exceeding 65,000 enlisted men, to be distributed among the several branches of the service, including the Signal Corps, and to raise a force of not more than 35,000 volunteers to be recruited as he may determine from the country at large, or from localities where their services are needed. Under this provision the strength of the army is 100,000 men.

All enlistments for the volunteer force shall be for the term of two years and four months, unless sooner discharged.

The act also provides that the *increased* regular and volunteer force shall continue in service only during the necessity therefor and not later than July 1, 1901.

MILITARY DEPARTMENTS OF THE UNITED STATES.

HEADQUARTERS OF THE ARMY.—Commander, Major-Gen. N. A. Miles, Washington, D. C.

DIVISION OF CUBA.—Consisting of the geographical departments and provinces of the Island of Cuba; headquarters, Havana, Cuba. Commander, Major-Gen. Leonard Wood, U. S. V.

DEPARTMENT OF CALIFORNIA.—States of California and Nevada, the Hawaiian Islands and their dependencies; headquarters, San Francisco, Cal. Commander, Major-Gen. W. R. Shafter.

DEPARTMENT OF THE COLORADO.—States of Wyoming (except so much thereof as is embraced in the Yellowstone National Park), Colorado, and Utah, and the Territories of Arizona and New Mexico; headquarters, Denver, Col. Commander, Brig.-Gen. H. C. Merriam.

DEPARTMENT OF THE COLUMBIA.—States of Washington, Oregon, Idaho (except so much of the latter as is embraced in the Yellowstone National Park), and the Territory of Alaska; headquarters, Vancouver Barracks, Washington. Commander, Major-Gen. W. R. Shafter.

DEPARTMENT OF DAKOTA.—States of Minnesota, North Dakota, South Dakota, Montana, and so much of Wyoming and Idaho as is embraced in the Yellowstone National Park; headquarters, St. Paul, Minn. Commander, Brig.-Gen. J. F. Wade.

DEPARTMENT OF THE EAST.—New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, West Virginia, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, and Louisiana; headquarters, Governor's Island, N. Y. Commander, Major-Gen. Wesley Merritt.

DEPARTMENT OF HAVANA.—Consisting of that portion of the Island of Cuba embraced within the following boundaries: Beginning at the mouth of the Almendares River, thence south and east, following the Almendares to its tributary, the Rio Grande; thence along the Rio Grande to near its head; thence north via Santa Maria del Rosario to the headwaters of the Rio las Vegas; thence along the Rio las Vegas and the Rio Cojimar to the sea; headquarters, Havana, Cuba. Commander, Brig.-Gen. William Ludlow.

DEPARTMENT OF THE LAKES.—States of Wisconsin, Michigan, Illinois, Indiana, Ohio, Kentucky, and Tennessee; headquarters, Chicago, Ill. Commander, Brig.-Gen. T. M. Anderson.

DEPARTMENT OF MATANZAS AND SANTA CLARA.—Provinces of Matanzas and Santa Clara; headquarters, Matanzas, Cuba. Commander, Brig.-Gen. J. H. Wilson.

DEPARTMENT OF THE MISSOURI.—States of Iowa, Nebraska, Missouri, Kansas, and Arkansas, the Indian Territory, and the Territory of Oklahoma; headquarters, Omaha, Neb. Commander, Brig.-Gen. H. C. Merriam.

DEPARTMENT OF ALASKA.—Commander Col. George M. Randall, Eighth Infantry.

DEPARTMENT OF THE PACIFIC.—Philippine Islands; headquarters, Manila, Philippine Islands. Commander, Major-Gen. E. S. Otis.

DEPARTMENT OF PORTO RICO.—Island of Porto Rico, headquarters, San Juan. Commander, Brig.-Gen. G. W. Davis.

DEPARTMENT OF PROVINCES OF HAVANA AND PINAR DEL RIO.—Consisting of all that portion of the Island of Cuba within the limits of the Province of Havana (except such portion as is embraced in the Department of Havana) and the Province of Pinar del Rio; headquarters, Havana, Cuba. Commander, Brig.-Gen. Fitzhugh Lee.

DEPARTMENT OF SANTIAGO AND PUERTO PRINCIPE.—Provinces of Santiago and Puerto Principe; headquarters, Santiago, Cuba.

DEPARTMENT OF TEXAS.—State of Texas; headquarters, San Antonio, Tex. Commander, Col. Chambers McKibbin, Twelfth Infanfry.

FIELD OFFICERS OF REGIMENTS, REGULAR ARMY.

First Cavalry.
Col. A. K. Arnold.
Lt.-Col. Thomas C. Lebo.
Maj. James M. Bell.
Maj. Allen Smith.
Maj. Frederick K. Ward.

Second Cavalry.
Col. H. E. Noyes.
Lt.-Col. W. M. Wallace.
Maj. A. G. Hennisee.
Maj. Joseph H. Dorst.
Maj. W. S. Schuyler.

Third Cavalry.
Col. Samuel B. M. Young.
Lt.-Col. H. Wessells, Jr.
Maj. Henry Jackson.
Maj. S. M. Swigert.
Maj. Edgar Z. Steever.

Fourth Cavalry.
Col. Charles D. Viele.
Lt.-Col. E. M. Hayes.
Maj. Louis H. Rucker.
Maj. Jacob A. Augur.
Maj. Charles Morton.

Fifth Cavalry.
Col. Wm. A. Rafferty.
Lt.-Col. C. C. C. Carr.
Maj. C. L. Cooper.
Maj. E. D. Dimmick.
Maj. Earl D. Thomas.

Sixth Cavalry.
Col. S. S. Sumner.
Lt.-Col. Theo. J. Wint.
Maj. Eli L. Huggins.
Maj. George S. Anderson.
Maj. Alexander Rodgers.

Seventh Cavalry.
Col. Theo. A. Baldwin.
Lt.-Col. Jas. N. Wheelan.
Maj. Ed. S. Godfrey.
Maj. Winfield S. Edgerly.
Maj. Ed. A. Godwin.

Eighth Cavalry.
Col. Adna R. Chaffee.
Lt.-Col. W. Davis.
Maj. Chas. A. P. Hatfield.
Maj. Henry W. Sprole.
Maj. William Stanton.

Ninth Cavalry.
Col. Thomas McGregor.
Lt.-Col. A. B. Wells.
Maj. A. E. Woodson.
Maj. Wm. C. Forbush.
Maj. M. B. Hughes.

Tenth Cavalry.
Col. S. M. Whitside.
Lt.-Col. Francis Moore.
Maj. Richard H. Pratt.
Maj. John B. Kerr.
Maj. C. A. Stedman.

First Artillery.
Col. W. F. Randolph.
Lt.-Col. D. H. Kinzie.
Maj. John F. Calef.
Maj. John L. Tiernon.
Maj. John M. K. Davis.

Second Artillery.
Col. Wm. L. Haskin.
Lt.-Col. John R. Myrick.
Maj. John C. Scantling.
Maj. George S. Grimes.
Maj. Benj. K. Roberts.

Third Artillery.
Col. Jacob B. Rawles.
Lt.-Col. Edward Field.
Maj. F. W. Hess.
Maj. W. A. Kobbé.
Maj. Abner H. Merrill.

Fourth Artillery.
Col. F. L. Guenther.
Lt.-Col. Geo. B. Rodney.
Maj. J. M. Lancaster.
Maj. E. Van A. Andrus.
Maj. Frederick Fuger.

Fifth Artillery.
Col. John I. Rodgers.
Lt.-Col. Tully McCrea.
Maj. James M. Ingalls.
Maj. J. B. Burbank.
Maj. Seldon A. Day.

Sixth Artillery.
Col. E. B. Williston.
Lt.-Col. F. G. Smith.
Maj. Samuel M. Mills.
Maj. William P. Vose.
Maj. William Ennis.

Seventh Artillery.
Col. H. C. Hasbrouck.
Lt.-Col. C. A. Woodruff.
Maj. Chas. Morris.
Maj. J. P. Story.
Maj. G. G. Greenough.

First Infantry.
Col. Abram A. Harbach.
Lt.-Col. C. A. Dempsey.
Maj. John J. O'Connell.
Maj. Frank H. Edmunds.
Maj. Frederick A. Smith.

Second Infantry.
Col. John C. Bates.
Lt.-Col. A. W. Corliss.
Maj. A. H. Bowman.
Maj. Charles B. Hall.
Maj. Marion P. Maus.

Third Infantry.
Col. John H. Page.
Lt.-Col. G. A. Goodale.
Maj. Frank D. Baldwin.
Maj. Edmund Rice.
Maj. John W. Hannay.

FIELD OFFICERS OF REGIMENTS, REGULAR ARMY—*Continued.*

Fourth Infantry.
Col. Robert H. Hall.
Lt.-Col. J. M. J. Sanno.
Maj. Butler D. Price.
Maj. Philip Reade.
Maj. Walter S. Scott.

Fifth Infantry.
Col. Richard Comba.
Lt.-Col. Mott Hooton.
Maj. Jesse C. Chance.
Maj. Theo. F. Forbes.
Maj. George P. Borden.

Sixth Infantry.
Col. Edgar R. Kellogg.
Lt.-Col. Chas. W. Miner.
Maj. F. A. Whitney.
Maj. W. H. H. Crowell.
Maj. C. M. Rockefeller.

Seventh Infantry.
Col. Edwin M. Coates.
Lt.-Col. W. E. Dougherty
Maj. Wm. V. Richards.
Maj. F. M. H. Kendrick.
Maj. J. T. Van Orsdale.

Eighth Infantry.
Col. George M. Randall.
Lt.-Col. Philip H. Ellis.
Maj. John F. Stretch.
Maj. Henry P. Ray.
Maj. Wm. L. Pitcher.

Ninth Infantry.
Col. E. H. Liscum.
Lt.-Col. C. A. Coolidge.
Maj. J. M. Lee.
Maj. Morris C. Foote.
Maj. James Regan.

Tenth Infantry.
Col. Ezra P. Ewers.
Lt.-Col. S. H. Lincoln.
Maj. Walter T. Duggan.
Maj. Ralph W. Hoyt.
Maj. Geo. Le R. Brown.

Eleventh Infantry.
Col. Isaac D. De Russy.
Lt.-Col. H. R. Brinkerhoff
Maj. Charles L. Davis.
Maj. Albert L. Myer.
Maj. F. W. Mansfield.

Twelfth Infantry.
Col. Chambers McKibbin
Lt.-Col. John W. Budd.
Maj. Harry L. Haskell.
Maj. William Gerlach.
Maj. Leven C. Allen.

Thirteenth Infantry.
Col. William H. Bisbee.
Lt.-Col. Cyrus S. Roberts.
Maj. W. Auman.
Maj. Joseph W. Duncan.
Maj. Cornelius Gardener.

Fourteenth Infantry.
Col. Aaron S. Daggett.
Lt.-Col. J. M. Thompson.
Maj. Carroll H. Potter.
Maj. William Quinton.
Maj. Leon A. Matile.

Fifteenth Infantry.
Col. Edward Moale.
Lt.-Col. C. Williams.
Maj. John B. Guthrie.
Maj. Jas. A. Buchanan.
Maj. George A. Cornish.

Sixteenth Infantry.
Col. Charles C. Hood.
Lt.-Col. Wm. F. Spurgin.
Maj. Henry C. Ward.
Maj. J. T. Kirkman.
Maj. Sam. R. Whitall.

Seventeenth Infantry.
Col. Jacob H. Smith.
Lt.-Col. Charles F. Robe.
Maj. L. M. O'Brien.
Maj. Chas. A. Williams.
Maj. Calvin D. Cowles.

Eighteenth Infantry.
Col. Gilbert S. Carpenter.
Lt.-Col. W. M. Van Horne
Maj. Charles R. Paul.
Maj. Henry H. Adams.
Maj. Wm. B. Wheeler.

Nineteenth Infantry.
Col. Simon Snyder.
Lt.-Col. Wm. H. Boyle.
Maj. John G. Leefe.
Maj. Joseph F. Huston.
Maj. Thos. C. Woodbury.

Twentieth Infantry.
Col. Loyd Wheaton.
Lt.-Col. W. S. McCaskey.
Maj. James Miller.
Maj. Wm. P. Rogers.
Maj. John B. Rodman.

Twenty-first Infantry.
Col. Jacob Kline.
Lt.-Col. Wm. H. Clapp.
Maj. Daniel Cornman.
Maj. Ben. C. Lockwood.
Maj. Willis Wittich.

Twenty-second Infantry.
Col. John W. French.
Lt.-Col. Wilson T. Hartz.
Maj. Chas. G. Penney.
Maj. John A. Baldwin.
Maj. Alfred Reynolds.

Twenty-third Infantry.
Col. George W. Davis.
Lt.-Col. R. I. Eskridge.
Maj. Owen J. Sweet.
Maj. Wm. H. W. James.
Maj. Edward B. Pratt.

Twenty-fourth Infantry.
Col. Henry B. Freeman.
Lt.-Col. Chas. Keller.
Maj. Alfred C. Markley.
Maj. Henry Wygant.
Maj. James E. Macklin.

Twenty-fifth Infantry.
Col. A. S. Burt.
Lt.-Col. S. P. Jocelyn.
Maj. David J. Craigie.
Maj. Charles H. Noble.
Maj. David B. Wilson.

FIELD OFFICERS OF REGIMENTS, VOLUNTEER ARMY.

Twenty-sixth Infantry.
Col. Edmund Rice.
Lt.-Col. Jos. T. Dickman.
Maj. E. D. Anderson.
Maj. Frank A. Cook.
Maj. Guy V. Henry, Jr.

Twenty-seventh Infantry.
Col. James M. Bell.
Lt.-Col. A. S. Cummins.
Maj. George L. Byram.
Maj. Edward B. Cassatt.
Maj. Clyde D. V. Hunt.

Twenty-eighth Infantry.
Col. Wm. E. Birkhimer.
Lt.-Col. R. W. Leonard.
Maj. George H. Morgan.
Maj. Elmore F. Taggart.
Maj. John B. Porter.

Twenty-ninth Infantry.
Col. Edward E. Hardin.
Lt.-Col. H. H. Sargent.
Maj. H. L. Hawthorne.
Maj. E. M. Johnson, Jr.
Maj. David B. Case.

Thirtieth Infantry.
Col. Cornelius Gardener.
Lt.-Col. J. R. Campbell.
Maj. L. A. Lovering.
Maj. Matthew F. Steele.
Maj. Thos. L. Hartigan.

Thirty-first Infantry.
Col. James S. Pettit.
Lt.-Col. Webb C. Hayes.
Maj. Lloyd M. Brett.
Maj. Hunter Liggett.
Maj. John E. McMahon.

Thirty-second Infantry.
Col. Louis A. Craig.
Lt.-Col. L. H. Strother.
Maj. Robt. E. L. Spence.
Maj. Morton J. Henry.
Maj. Chas. Ellet Cabell.

Thirty-third Infantry.
Col. Luther R. Hare.
Lt.-Col. John J. Brereton
Maj. Marcus D. Cronin.
Maj. Peyton C. March.
Maj. Sirmyer Edgar.

Thirty-fourth Infantry.
Col. L. W. V. Kennon.
Lt.-Col. Robt. L. Howze.
Maj. William A. Shunk.
Maj. Julius A. Penn.
Maj. Joseph Wheeler, Jr.

Thirty-fifth Infantry.
Col. Wm. A. Kobbé.
Lt.-Col. E. H. Plummer.
Maj. Robert D. Walsh.
Maj. Walter C. Short.
Maj. Albert Laws.

Thirty-sixth Infantry.
Col. J. Franklin Bell.
Lt.-Col. Wm. R. Grove.
Maj. William L. Luhn.
Maj. John Q. A. Braden.
Maj. William H. Bishop.

Thirty-seventh Infantry.
Col. Robert B. Wallace.
Lt.-Col. Thos. R. Hamer.
Maj. Charles T. Boyd.
Maj. Henry B. Orwig.
Maj. B. F. Cheatham.

Thirty-eighth Infantry.
Col. George S. Anderson.
Lt.-Col. Chas. J. Crane.
Maj. Charles H. Muir.
Maj. W. A. Holbrook.
Maj. Lewis E. Goodier.

Thirty-ninth Infantry.
Col. Robert L. Bullard.
Lt.-Col. E. H. Crowder.
Maj. Geo. T. Langhorne.
Maj. John H. Parker.
Maj. Harry B. Mulford.

Fortieth Infantry.
Col. Edward A. Godwin.
Lt.-Col. B. A. Byrne.
Maj. Wm. E. Craighill.
Maj. M. M. McNamee.
Maj. James F. Case.

Forty-first Infantry.
Col. E. T. C. Richmond.
Lt.-Col. John S. Mallory.
Maj. Palmer G. Wood.
Maj. Guy H. Preston.
Maj. John H. Wholley.

Forty-second Infantry.
Col. J. Milton Thompson.
Lt.-Col. John H. Beacom.
Maj. William C. Brown.
Maj. Edward C. Carey.
Maj. John R. Prime.

Forty-third Infantry.
Col. Arthur Murray.
Lt.-Col. Wilber E. Wilder.
Maj. Henry T. Allen.
Maj. Lincoln C. Andrews.
Maj. John C. Gilmore, Jr.

Forty-fourth Infantry.
Col. Ed. J. McClernand.
Lt.-Col. Wm. S. Scott.
Maj. Henry C. Hale.
Maj. C. C. Walcutt, Jr.
Maj. Henry B. McCoy.

Forty-fifth Infantry.
Col. Joseph H. Dorst.
Lt.-Col. James Parker.
Maj. D. A. Frederick.
Maj. Edwin T. Cole.
Maj. T. K. Birkhaeuser.

Forty-sixth Infantry.
Col. Walter S. Schuyler.
Lt.-Col. Edward B. Pratt.
Maj. Samuel W. Miller.
Maj. Wm. H. Johnston.
Maj. William Brooke.

Forty-seventh Infantry.
Col. Walter Howe.
Lt.-Col. C. R. Edwards.
Maj. Hugh D. Wise.
Maj. Keller Anderson.
Maj. James A. Shipton.

Forty-eighth Infantry.
Col. William P. Duvall.
Lt.-Col. T. W. Jones.
Maj. Sedgwick Rice.
Maj. Alexander L. Dale.
Maj. John Howard.

Forty-ninth Infantry.
Col. William H. Beck.
Lt.-Col. Arthur C. Ducat.
Maj. C. P. Johnson.
Maj. Ernest Hinds.
Maj. Geo. W. Kirkman.

Porto Rico Battalion Inf.
Maj. L. P. Davidson.

Eleventh Regt. Cavalry.
Col. James Lockett.
Lt.-Col. Charles G. Starr.
Maj. Thos. G. Carson.
Maj. Dennis E. Nolan.
Maj. Hugh T. Sime.

HEADQUARTERS OF REGIMENTS.
(December 1, 1899.)

Engineer Battalion—Fort Totten, N. Y.
Signal Corps—Washington, D. C.
First Cavalry—Fort Meade, S. D.
Second Cavalry—Santa Clara, Cuba.
Third Cavalry—Manila, P. I.
Fourth Cavalry—Manila, P. I.
Fifth Cavalry—Mayaguez, Porto Rico.
Sixth Cavalry—Fort Riley, Kan.
Seventh Cavalry—Quemados, Cuba.
Eighth Cavalry—Puerto Principe, Cuba.
Ninth Cavalry—Fort Grant, Ariz.
Tenth Cavalry—Manzanillo, Cuba.
Eleventh Cavalry—Manila, P. I.
First Artillery—Sullivans Island, S. C.
Second Artillery—Havana, Cuba.
Third Artillery—Angel Island, Cal.
Fourth Artillery—Fort Monroe, Va.
Fifth Artillery—Fort Hamilton, N. Y.
Sixth Artillery—Manila, P. I.
Seventh Artillery—Fort Adams, R. I.
First Infantry—Pinar del Rio, Cuba.
Second Infantry—Paso Caballo, Cuba.
Third Infantry—Manila, P. I.
Fourth Infantry—Manila, P. I.
Fifth Infantry—Santiago, Cuba.
Sixth Infantry—Manila, P. I.
Seventh Infantry—Fort Wayne, Mich.
Eighth Infantry—Quemados, Cuba.
Ninth Infantry—Manila, P. I.
Tenth Infantry—Matanzas, Cuba.
Eleventh Infantry—San Juan, Porto Rico.
Twelfth Infantry—Manila, P. I.
Thirteenth Infantry—Manila, P. I.
Fourteenth Infantry—Manila, P. I.
Fifteenth Infantry—Puerto Principe, Cuba.
Sixteenth Infantry—Manila, P. I.
Seventeenth Infantry—Manila, P. I.
Eighteenth Infantry—Manila, P. I.
Nineteenth Infantry—Manila, P. I.
Twentieth Infantry—Manila, P. I.
Twenty-first Infantry—Manila, P. I.
Twenty-second Infantry—Manila, P. I.
Twenty-third Infantry—Manila, P. I.
Twenty-fourth Infantry—Manila, P. I.
Twenty-fifth Infantry—Manila, P. I.
Twenty-sixth Infantry—Manila, P. I.
Twenty-seventh Infantry—Manila, P. I.
Twenty-eighth Infantry—Manila, P. I.
Twenty-ninth Infantry—Manila, P. I.
Thirtieth Infantry—Manila, P. I.
Thirty-first Infantry—Manila, P. I.
Thirty-second Infantry—Manila, P. I.
Thirty-third Infantry—Manila, P. I.
Thirty-fourth Infantry—Manila, P. I.
Thirty-fifth Infantry—Manila, P. I.
Thirty-sixth Infantry—Manila, P. I.
Thirty-seventh Infantry—Manila, P. I.
Thirty-eighth Infantry—Manila, P. I.
Thirty-ninth Infantry—Manila, P. I.
Fortieth Infantry—Manila, P. I.
Forty-first Infantry—Manila, P. I.
Forty-second Infantry—Manila, P. I.
Forty-third Infantry—Manila, P. I.
Forty-fourth Infantry—Manila, P. I.
Forty-fifth Infantry—Manila, P. I.
Forty-sixth Infantry—Manila, P. I.
Forty-seventh Infantry—Manila, P. I.
Forty-eighth Infantry—Manila, P. I
Forty-ninth Infantry—Manila, P I.

ARMY PAY TABLE.

Grade.	Pay of Officers in Active Service. Yearly Pay.					Pay of Retired Officers. Yearly Pay.				
	First 5 years' Service.	After 5 years' Service.	After 10 years' Service.	After 15 years' Service.	After 20 years' Service.	First 5 years' Service.	After 5 years' Service.	After 10 years' Service.	After 15 years' Service.	After 20 years' Service.
		10 p. c.	20 p. c.	30 p. c.	40 p. c.					
Major-General	$7,500	....	....	....	....	$5,625	....	....	....	....
Brigadier-General	5,500	....	....	....	....	4,125	....	....	....	....
Colonel	3,500	$3,850	$4,200	*$4,500	*$4,500	2,625	$2,887	$3,150	$3,375	$3,375
Lieutenant-Colonel	3,000	3,300	3,600	3,900	*4,000	2,250	2,475	2,700	2,925	3,000
Major	2,500	2,750	3,000	3,250	3,500	1,875	2,062	2,250	2,437	2,625
Captain, mounted	2,000	2,200	2,400	2,600	2,800	1,500	1,650	1,800	1,950	2,100
Captain, not mounted	1,800	1,980	2,160	2,340	2,520	1,350	1,485	1,620	1,755	1,890
1st Lieutenant, mounted	1,600	1,760	1,920	2,080	2,240	1,200	1,320	1,440	1,560	1,680
1st Lieutenant, not mounted	1,500	1,650	1,800	1,950	2,100	1,125	1,237	1,350	1,462	1,575
2d Lieutenant, mounted	1,500	1,650	1,800	1,950	2,100	1,125	1,237	1,350	1,462	1,575
2d Lieutenant, not mounted	1,400	1,540	1,680	1,820	1,960	1,050	1,115	1,260	1,365	1,470

* The maximum pay of Colonels is limited to $4,500, and of Lieutenant-Colonels to $4,000.
The pay of non-commissioned officers is from $18 to $34 per month, and of privates $13 per month.

United States Army Recruiting Requirements.

Applicants for first enlistment must be between the ages of eighteen and thirty-five years, of good character and habits, able-bodied, free from disease, and must be able to speak, read, and write the English language.

No person under eighteen years of age will be enlisted or re-enlisted, and minors between the ages of eighteen and twenty-one years must not be enlisted without the written consent of father, only surviving parent, or legally appointed guardian.

Original enlistments will be confined to persons who are citizens of the United States, or who have made legal declaration of their intention to become citizens thereof.

Married men will be enlisted only upon the approval of a regimental commander.

Applicants will be required to satisfy the recruiting officer regarding age and character, and should be prepared to furnish the necessary evidence.

For infantry and artillery the height must be not less than five feet four inches, and weight not less than one hundred and twenty (120) pounds and not more than one hundred and ninety (190) pounds.

For cavalry the height must be not less than five feet four inches and not more than five feet ten inches, and weight not to exceed one hundred and sixty-five (165) pounds. No minimum weight is prescribed for cavalry, but the chest measures must be satisfactory.

The following are the rates of pay as fixed by law:

Grade.	Pay per Month.	Pay per Year.	Pay per 3 Years.
Company.			
Private—Cavalry, artillery, and infantry	$13	$156	$468
Musician—Cavalry, artillery, and infantry	13	156	468
Wagoner—Cavalry	14	168	504
Artificer—Field artillery and infantry	15	180	540
Saddler—Cavalry	15	180	540
Farrier and Blacksmith—Cavalry	15	180	540
Corporal—Cavalry, artillery, and infantry	15	180	540
Cook—Cavalry, artillery, and infantry	18	216	648
Mechanic—Heavy artillery	18	216	648
Sergeant—Cavalry, artillery, and infantry	18	216	648
Quartermaster-Sergeant—Cavalry, artillery, and infantry	18	216	648
First Sergeant—Cavalry, artillery, and infantry	25	300	900
Regiment.			
Sergeant-Major and Quartermaster-Sergeant—Cavalry, artillery and infantry	34	408	1,224
Commissary Sergeant—Cavalry and infantry	34	408	1,224
Squadron Sergeant-Major—Cavalry	25	300	900
Battalion Sergeant-Major—Infantry	25	300	900
Drum Major—Cavalry, artillery, and infantry	25	300	900
Chief Trumpeter—Cavalry and artillery	22	264	792
Principal Musician—Cavalry, artillery, and infantry	22	264	792

Section 6, Act of Congress approved April 26, 1898, provides "that in time of war the pay proper of enlisted men shall be increased 20 per cent over and above the rates of pay as fixed by law."

Comparative Table of General Officers and Colonels of the United States Army Who Were Appointed from Civil Life, Graduated from West Point, and Rose from the Ranks.

(Prepared for The World Almanac by Capt. W. R. Hamilton, Seventh Artillery, U. S. A.)

General Officers.

Appointed from civil life or from volunteer service.	Graduated from West Point.	Appointed officers from the ranks.
1—Major-Gen. N. A. Miles.	1—Major-Gen. Wesley Merritt.	
2—Major-Gen. J. R. Brooke.	2—Brig.-Gen. G. V. Henry.	
3—Brig.-Gen. E. S. Otis.		
4—Brig.-Gen. J. F. Wade.		
5—Brig.-Gen. H. C. Merriam.		

General Staff Officers.

1—Brig.-Gen. H. C. Corbin.	1—Brig.-Gen. J. M. Wilson.	
2—Brig.-Gen. J. C. Breckinridge.	2—Brig.-Gen. A. L. Buffington.	
3—Brig.-Gen. M. L. Ludington.	3—Brig.-Gen. A. E. Bates.	
4—Brig.-Gen. C. P. Eagan.		
5—Brig.-Gen. G. M. Sternberg.		
6—Brig.-Gen. A. W. Greely.		
7—Brig.-Gen. F. C. Ainsworth.		

Colonels of the Staff.

1—Col. Merritt Barber.	1—Col. Thom. Ward.	1—Col. Theo. Schwan.
2—Col. M. V. Sheridan.	2—Col. W. J. Volkmar.	
3—Col. R. P. Hughes.	3—Col. G. H. Burton.	
4—Col. H. W. Lawton.	4—Col. C. A. Woodruff.	
5—Col. T. F. Barr.	5—Col. H. M. Robert.	
6—Col. J. M. Moore.	6—Col. J. W. Barlow.	
7—Col. J. G. Lee.	7—Col. P. C. Hains.	
8—Col. J. W. Scully.	8—Col. G. L. Gillespie.	
9—Col. A. W. Kimball.	9—Col. C. R. Suter.	
10—Col. J. F. Weston.	10—Col. J. A. Smith.	
11—Col. C. H. Alden.	11—Col. S. M. Mansfield.	
12—Col. C. C. Byrne.	12—Col. J. M. Whittemore.	
13—Col. J. P. Wright.	13—Col. A. Mordecai.	
14—Col. Dallas Bache.	14—Col. J. P. Farley.	
15—Col. C. R. Greenleaf.	15—Col. H. C. Dunwoody.	
16—Col. W. H. Forwood.		
17—Col. F. M. Coxe.		
18—Col. C. I. Wilson.		

Colonels of the Line—Calvary.

1—Col. S. S. Sumner.	1—Col. A. K. Arnold.	1—Col. S. M. Whitside.
2—Col. S. B. M. Young.	2—Col. H. E. Noyes.	2—Col. T. McGregor.
3—Col. C. D. Viele.	3—Col. W. A. Rafferty.	3—Col. T. A. Baldwin.
		4—Col. A. R. Chaffee.

COMPARATIVE TABLE OF GENERAL OFFICERS AND COLONELS—*Continued.*

COLONELS OF THE LINE—INFANTRY.

APPOINTED FROM CIVIL LIFE OR FROM VOLUNTEER SERVICE.	GRADUATED FROM WEST POINT.	APPOINTED OFFICERS FROM THE RANKS.
1—Col. J. C. Bates.	1—Col. R. H. Hall.	1—Col. H. B. Freeman.
2—Col. J. H. Page.		2—Col. G. S. Carpenter.
3—Col. C. W. Davis.		3—Col. W. H. Bisbee.
4—Col. S. Snyder.		4—Col. C. McKibbin.
5—Col. Loyd Wheaton.		5—Col. E. P. Ewers.
6—Col. Jacob Kline.		6—Col. E. H. Liscum.
7—Col. J. W. French.		7—Col. E. R. Kellogg.
8—Col. S. Ovenshine.		8—Col. R. Comba.
9—Col. A. S. Burt.		9—Col. A. A. Harbach.
10—Col. E. M. Coates.		
11—Col. G. M. Randall.		
12—Col. A. S. Daggett.		
13—Col. E. Moale.		
14—Col. C. C. Hood.		
15—Col. I. D. De Russy.		

COLONELS OF THE LINE—ARTILLERY.

1—Col. E. B. Williston.	1—Col. F. L. Guenther.	
2—Col. W. L. Haskin.	2—Col. J. I. Rodgers.	
3—Col. W. H. Randolph.	3—Col. H. C. Hasbrouck.	
	4—Col. J. Rawles.	

Appointed from civil or volunteer service, 51; graduated from West Point and appointed therefrom, 28; appointed from the ranks, 14; officers in the army (active list) who are graduates of West Point—staff, 249; line artillery, 220; cavalry, 326; infantry, 478; officers of staff who were appointed from civil life or from volunteer service, 296; officers of staff who have risen from the ranks, 7; officers of line who were appointed from civil life, or promoted from volunteer service (active list)—cavalry, 77; infantry, 480; artillery, 72; officers of the line appointed from the ranks—cavalry, 37; artillery, 16; infantry, 157.

RETIRED LIST.

Generals and colonels appointed to the regular army from civil life, or volunteers, 68; graduates of West Point, 82; officers of other grades, from civil life, or volunteers, 342; appointed from West Point, 137; promoted from the ranks, 77; officers in the regular army (active list) who are graduates of West Point, 1,302; who are non-graduates, 1,207; graduates on the retired list, 219; non-graduates on the retired list, 487; total number of officers who were graduates from West Point, 1,521; total number of officers who are non-graduates, 1,694.

VOLUNTEER ARMY.

General officers in the present volunteer service appointed from civil life during the Spanish-American War, 29; generals in the Spanish-American War who were graduates of West Point, 27; generals in the Spanish-American War appointed from the army, non-graduates of West Point, 83; graduates of West Point among field officers of volunteer regiments now in service, 33; of officers non-graduates, 187.

Generals Who Have Commanded the U. S. Army.

	From	To		From	To		From	To
George Washington*..	1775	1783	James Wilkinson§.....	1800	1812	Henry W. Halleck†. ..	1862	1864
Henry Knox†.....	1783	1784	Henry Dearborn†.....	1812	1815	Ulysess S. Grant¶.....	1864	1869
Josiah Harmer.....	1784	1791	Jacob Brown†.....	1815	1828	William T. Sherman¶..	1869	1883
Arthur St. Clair†.....	1791	1792	Alexander Macomb†..	1828	1841	Philip H. Sheridan¶..	1883	1888
Anthony Wayne†.....	1792	1796	Winfield Scott†.....	1841	1861	John M. Schofield†**..	1888	1895
James Wilkinson†....	1796	1798	George B. McClellan†..	1861	1862	Nelson A. Miles†.....	1895	..
George Washington‡.	1798	1799						

* Washington was commissioned by the Continental Congress General and Commander-in-Chief of "the Army of the United Colonies." He resigned December 23, 1783. He was commissioned July 3, 1798, Lieutenant-General. An act of Congress of March 3, 1799, created the office of "General of the Armies of the United States," but the office was never filled. Washington died as Lieutenant-General. The first officer with the rank of General under the present Government of the United States was Grant. † Rank of Major-General. ‡ Lieutenant-General. § Brigadier-General. Josiah Harmer was a Lieutenant-Colonel and General-in-Chief by brevet. ¶ Rank of General. ** Created a Lieutenant-General by act of Congress previous to his retirement.

CASUALTIES IN THE ARMY DURING THE SPANISH-AMERICAN WAR.

Losses of Santiago Campaign—Killed: Officers, 23; men, 237. Wounded: Officers, 99; men, 1,332.

Losses of Porto Rico Campaign—Killed: Officers, 0; men, 3. Wounded: Officers, 4; men, 36.

Losses of Manila Campaign—Killed: Officers, 0; men, 17. Wounded: Officers, 10; men, 96.

Total losses from all causes, April 21 to October 1, 1898—Killed: Officers, 33; men, 257. Wounded: Officers, 4; men, 61. Died of disease: Officers, 80; men, 2,485. Total of 107 officers and 2,803 men, or a percentage of 159-1,000, being an aggregate of 2,910 out of a total of 274,717 officers and men, the total of the war.

The Navy.

FLAG OFFICERS.

ADMIRAL.

ACTIVE LIST.

Rank.	Name.	Duty.	Where Stationed.
Admiral	George Dewey	Special Duty	Washington, D. C.

REAR-ADMIRALS.

ACTIVE LIST.

Rank.	Name.	Duty.	Where Stationed.
Rear-Admiral	Frederick V. McNair	Superintendent Naval Academy	Annapolis, Md.
"	John A. Howell	President Naval Examining Board	Washington, D. C.
"	Albert Kautz	Commander-in-Chief Pacific Station	Flagship Philadelphia.
"	George C. Remey	Comdt. Navy Yard, Portsmouth, N. H.	Portsmouth N. H.
"	Norman H. Farquhar	Comdr.-in-Chief N. Atlantic Station	Flagship New York.
"	John C. Watson	Commander-in-Chief Asiatic Station	Manila, P. I.
"	Winfield S. Schley	Comdr.-in-Chief S. Atlantic Station	Flagship Chicago.
"	Silas Casey	Comdt. Navy Yard, League Island	League Island, Pa.
"	William T. Sampson	Comdt. Navy Yard, Boston, Mass.	Boston. Mass.
"	Bartlett J. Cromwell	President Naval Retiring Board	Washington, D. C
"	John W. Philip	Commandant Navy Yard, New York	New York, N. Y.
"	Francis J. Higginson	Chairman Light-House Board	Washington, D. C.
"	Frederick Rodgers	Presdt. Board of Inspection & Survey	Washington, D. C.
"	Loui Kempff	Commandant Navy Yard, Mare Island	Vallejo, Cal.
"	George W. Sumner	Comdt. Naval Station, Port Royal	Port Royal, S. C.
"	Benjamin F. Day	Member Examining & Retiring Boards	Washington, D. C.
"	Alex. H. McCormick	Comdt. Navy Yard, Washington	Washington, D. C.
"	Albert S. Barker	Commandant Navy Yard, Norfolk	Portsmouth, Va.

RETIRED LIST.

Rank.	Name.	Residence.	Rank.	Name.	Residence.
Rear-Ad.	Thos. O. Selfridge, Sr.	Washington, D. C.	Rear-Ad.	George Brown	Indianapolis, Ind.
"	Roger N. Stembel	Washington, D. C.	"	John G. Walker	Washington, D. C.
"	George B. Balch	Baltimore, Md.	"	Francis M. Ramsay	Washington, D. C.
"	Aaron K. Hughes	Washington, D. C.	"	Oscar F. Stanton	New London, Ct.
"	Thomas S. Phelps	Washington, D. C.	"	Henry Erben	New York City.
"	John H. Upshur	Morristown, N. J.	"	L. A. Beardslee	Little Falls, N. Y.
"	Francis A. Roe	Washington, D. C.	"	Thos. O. Selfridge, Jr.	Washington, D. C.
"	Samuel R. Franklin	Washington, D. C.	"	Jos. N. Miller	East Orange, N. J.
"	Stephen B. Luce	Newport, R. I.	"	M. Sicard	Westernville, N. Y.
"	James E. Jouett	Washington, D. C.	"	E. O. Matthews	7 Rue Scribe, Paris.
"	Lewis A. Kimberly	W. Newton, Mass.	"	Chas. S. Norton	Washington, D. C.
"	Bancroft Gherardi	New York City.	"	Francis M. Bunce	Holderness, N. H.
"	George E. Belknap	Brookline, Mass.	"	Henry B. Robeson	Walpole, N. H.
"	D. B. Harmony	Santa Barbara, Cal.	"	James Entwistle	Paterson, N. J.
"	A. E. K. Benham	Washington, D. C.	"	Joseph Trilley	San Francisco, Cal.
"	John Irwin	Amagansett, L. I.	"	Henry L. Howison	New York City.
"	James A. Greer	Washington, D. C.	"	Nicol Ludlow	Washington, D. C.
"	Aaron W. Weaver	Washington, D. C.	"	John Schouler	Annapolis, Md.

COMMODORES.

RETIRED LIST.*

Rank.	Name.	Residence.	Rank.	Name.	Residence.
Commodore	Albert G. Clary	San Miguel, Azores	Commodore	James H. Gillis	Washington, D. C.
"	S. Nicholson	Washington, D. C.	"	E. E. Potter	Belvidere, Ill.
"	W. K. Mayo	Washington, D. C.	"	R. L. Phythian	Annapolis, Md.
"	W. P. McCann	N. Rochelle, N. Y.	"	Rush R. Wallace	Washington, D. C.

*The grade of Commodore on the active list has been abolished.

The following are the dates of future retirements of Rear-Admirals now on the active list for age limit, under the law: F. V. McNair, January 13, 1901; Albert Kautz, January 29, 1901; W. S. Schley, October 9, 1901; W. T. Sampson, February 9, 1902; B. J. Cromwell, February 9, 1902; J. A. Howell, March 16, 1902; N. H. Farquhar, April 11, 1902; J. W. Philip, August 26, 1902; B. F. Day, January 16, 1903, G. C. Remey, August 10, 1903; Silas Casey, September 11, 1903; Louis Kempff, October 11, 1903; G. W. Sumner, December 31, 1903; A. H. McCormick, May 9, 1904; J. C. Watson, August 24, 1904; F. Rodgers, October 3, 1904; A. S. Barker, March 31, 1905; F. J. Higginson, July 19, 1905.

THE NAVY.

The active list of the Navy comprises 1,340 commissioned and 177 warrant officers. The enlisted force numbers 14,603 men.

MARINE CORPS.

The United States Marine Corps consists of a force of 201 officers and 6,000 men. Brigadier-General Charles Heywood is commandant.

NAVAL EXAMINING AND RETIRING BOARDS.

The Naval Examining Board consists of Rear-Admiral John A. Howell, President; Rear-Admiral Benjamin F. Day and Captain Francis A. Cook, members.

The Naval Retiring Board is composed of Rear-Admiral Bartlett J. Cromwell, President; Rear-Admiral Benjamin F. Day, Captain Francis A. Cook, Medical Director Grove S. Beardsley, and Medical Inspector William S. Dixon, members.

NAVAL OBSERVATORY.

Superintendent, Captain Charles H. Davis *Assistants*, Lieutenant Benjamin W. Hodges; Professors of Mathematics, Stimson J. Brown (Astronomical Director), A. N. Skinner, T. J. J. See, and Milton Updegraff.

NAUTICAL ALMANAC.

Director—Professor H. D. Todd.

CAPTAINS OF THE NAVY—ACTIVE LIST—DECEMBER 15, 1899.

Name.	Present Duty.	Commission	Name.	Present Duty.	Commission
Charles S. Cotton	Com. Independence	May 28,'92	Cipriano Andrade	Sr. Mem. Eng. Ex. Bd.	Mar. 3,'99
Silas W. Terry	Naval Exam. Board	Jan. 9,'93	John Lowe	Pope Tube Co., Hartford	Mar. 3,'99
Merrill Miller	Com. Vermont	Feb. 25,'93	Francis W. Dickins	Com. Indiana	July 3,'98
John J. Read	Com. Richmond	April 27,'93	Lewis W. Robinson	Inspec. duty, Milwaukee	Mar. 3,'99
Mortimer L. Johnson	Capt. Boston Navy Yard	May 9,'93	George F. F. Wilde	Com. Oregon	Aug. 10,'98
Edwin M. Shepard	Ins. 3d L. H. District	May 15,'93	Charles H. Davis	Supt. Nav. Obs., Wash'n	Aug. 10,'98
Robley D. Evans	Mem. Bd. Ins. & Survey	June 27,'93	Bowman H. McCalla	Com. Newark	Mar. 3,'99
Frank Wildes	Capt. New York N. Y.	July 31,'94	Charles J. Train	Com. Massachusetts	Nov. 22,'98
Henry Glass	Com. T. S., Yerba Buena	Jan. 23,'94	Edwin White	Waiting orders	Dec. 25,'98
Philip H. Cooper	Leave of absence	April 11,'94	William H. Harris	Navy Yard, Portsmouth	Mar. 3,'99
Henry C. Taylor	War College, Newport	April 16,'94	Ralph Aston	Ins. Machin. Bkn. N. Y.	Mar. 3,'99
George H. Wadleigh	Com. Wabash	July 10,'94	George W. Pigman	Com. Monterey	Mar. 3,'99
A. S. Crowninshield	Chief Bureau Navigati'n	July 21,'94	John McGowan	Com. Monadnock	Mar. 3,'99
James H. Sands	Gov. Naval Home	Sept. 7,'94	James G. Green	Com. Nav. Sta., Havana	Mar. 3,'99
Yates Stirling	Member L. H. Board	Sept. 16,'94	Charles H. Rockwell	Com. Chicago	Mar. 3,'99
William C. Wise	Com. Franklin	Nov. 11,'94	James M. Forsyth	Com. Baltimore	Mar. 3,'99
Joseph B. Coghlan	Com. Puget Sound N. S.	Nov. 18,'96	George A. Converse	Bureau of Navigation	Mar. 3,'99
Purnell F. Harrington	Capt. Portsmouth N. Y.	Mar. 1,'95	Royal B. Bradford	Chief Bureau Equipment	Mar. 3,'99
Louis J. Allen	N. Y., Mare Island, Cal.	Mar. 3,'99	Joseph E. Craig	Hydrographer, Nav. Dpt	Mar. 3,'99
George W. Melville	Chief Bureau of Ste. En.	Mar. 3,'99	Charles M. Thomas	Navy Department	Mar. 3,'99
Nehemiah M. Dyer	Waiting orders	July 13,'97	Albert S. Snow	Com. New York	Mar. 3,'99
Francis A. Cook	Mem. Retiring Board	Feb. 28,'96	George C. Reiter	Com. Philadelphia	Mar. 3,'99
Colby M. Chester	Inspector of Kentucky	June 12,'96	Willard H. Brownson	Duty with Alabama	Mar. 3,'99
Charles E. Clark	Capt. League Island N.Y.	June 21,'96	William W. Mead	Capt. Mare Island N. Y.	Mar. 3,'99
Charles J. Barclay	Waiting orders	Oct. 1,'96	Edwin S. Houston	Com. Amphitrite	Mar. 3,'99
Peter A. Rearick	Duty with Kearsarge	Mar. 3,'99	Edwin Longnecker	Com. New Orleans	Mar. 3,'99
Charles D. Sigsbee	Com. Texas	Mar. 21,'97	George E. Ide	Com. Yosemite	Mar. 25,'99
Benj. P. Lamberton	Waiting orders	May 11,'98	George M. Book	Waiting orders	Mar. 29,'99
Richard P. Leary	Nav. Gov. Isl. of Guam.	April 6,'97	Thomas Perry	Secy. Light-House Bd.	June 11,'99
William H. Whiting	Waiting orders	June 19,'97	Charles H. Stockton	Pres. Naval War College	July 8,'99
Charles O'Neil	Chief Bureau Ordnance.	July 21,'97	Asa Walker	Naval War College	Sept. 9,'99
Caspar F. Goodrich	Com. Iowa	Sept. 16,'97	Oscar W. Farenholt	Navy Yard, Boston	Sept. 25,'99
French E. Chadwick	Waiting orders	Nov. 7,'97	Edward T. Strong	Navy Yard, Washington	Oct. 10,'99
Theodore F. Jewell	Com. Brooklyn	Feb. 1,'98	Robert E. Impey	Com. Na. Sta., Key West	Nov. 2,'99
William M. Folger	Gen. Insp. Kearsarge	Feb. 6,'98	Eugene W. Watson	Capt. Navy Yard, Norf'k	Nov. 22,'99

COMMANDERS OF THE NAVY—ACTIVE LIST—DECEMBER 15, 1899.

John F. Merry	Com. Nav. Sta., Honolulu	May 9,'93	Alexander B. Bates	Navy Yard, League Isl'd	Mar. 3,'99
William C. Gibson	Navy Yard, New York	July 4,'93	Edward D. Taussig	In Charge 13th L. H. D.	Aug. 10,'98
Washburn Maynard	Ins. 2d L. H. District	Sept. 27,'93	John E. Pillsbury	Navy Yard, Boston	Aug. 10,'98
Henry W. Lyon	Navy Yard, New York	Oct. 1,'93	William H. Reeder	Com. St. Mary's	Aug. 10,'98
James H. Dayton	Com. Nav. Sta., San Juan	Jan. 23,'94	Robert W. Milligan	Navy Yard, Norfolk, Va.	Mar. 3,'99
Morris R. S. Mackenzie	Com. Prairie	April 16,'94	George W. Baird	Supt. Sta., W. & N. B'dg	Mar. 3,'99
Charles S. Sperry	Com. Yorktown	June 22,'94	Richard Inch	Naval Sta., Cavite, P. I.	Mar. 3,'99
Frank Courtis	Com. Essex	July 10,'94	Harrie Webster	Bur. of Steam Enginee'g	Mar. 3,'99
William W. Reisinger	Com. Pensacola N. Y.	July 21,'94	Daniel Delehanty	Gov. Sailors' Snug Har.	Nov. 22,'98
William T. Burwell	Com. Wheeling	Sept. 7,'94	Charles C. Cornwell	Com. Naval Sta., Cavite.	Dec. 25,'98
John J. Hunker	Com. Tr. Sta., Newport	Sept. 16,'94	Holland N. Stevenson	Ins. Machin., San Fran.	Mar. 3,'99
Franklin Hanford	Ins. 10th L. H. District	Sept. 30,'94	Charles W. Rae	Naval Sta., Yerba Buena	Mar. 3,'99
Robert M. Berry	Naval Home, Philadel'a.	Feb. 2,'95	George H. Kearny	Naval Acad., Annapolis.	Mar. 3,'99
Samuel W. Very	Com. Castine	Mar. 1,'95	William S. Moore	Ins. Machin., Philadel'a.	Mar. 3,'99
Henry N. Manney	Navy Yard, New York	May 10,'95	Royal R. Ingersoll	Naval Acad., Annapolis.	Mar. 3,'99
Chapman C. Todd	Navy Yard, Washington	May 21,'95	Adolph Marix	Ins. 4th L. H. District	Mar. 3,'99
Joseph N. Hemphill	Com. Detroit	June 15,'95	Duncan Kennedy	Ins. 11th L. H. District	Mar. 3,'99
Abraham B. H. Lillie	Navy Yard, New York	Sept. 1,'95	James D. J. Kelley	Com. Resolute	Mar. 3,'99
William T. Swinburne	Navy Yard, Portsmouth	Dec. 28,'95	Jefferson F. Moser	Com. Albatross	Mar. 3,'99
William H. Emory	Mem. Bd. Ins. & Survey	Dec. 29,'95	Raymond P. Rodgers	Com. Nashville	Mar. 3,'99
George A. Bicknell	Com. Monocacy	Jan. 5,'96	Seaton Schroeder	Navy Yard, Washington	Mar. 3,'99
Charles T. Hutchins	Naval Acad., Annapolis.	Feb. 28,'96	Franklin J. Drake	Navy Yard, Mare Island	Mar. 3,'99
Seth M. Ackley	Com. Concord	May 4,'96	Thomas C. McLean	Com. Don Juan de Austria	Mar. 3,'99
Benjamin F. Tilley	Com. Abarenda	Sept. 4,'96	William J. Barnette	Com. Saratoga	Mar. 3,'99
Harry Knox	Com. Princeton	Oct. 1,'96	Francis H. Delano	Navy Yard, Boston	Mar. 3,'99
Clifford H. West	Navy Yard, New York	Oct. 11,'96	Charles T. Forse	Ins. 14th L. H. District	Mar. 3,'99
John P. Merrell	Com. Montgomery	Nov. 1,'96	Edwin K. Moore	Com. Helena	Mar. 3,'99
Joseph G. Eaton	Com. Chesapeake	Nov. 10,'96	Albion V. Wadhams	Com. Monongahela	Mar. 3,'99
William I. Moore	Naval Sta., Port Royal	Nov. 18,'96	James D. Adams	Hydrographic Office	Mar. 3,'99
Charles Belknap	Com. Dixie	Dec. 6,'96	Richard Wainwright	Naval Acad., Annapolis.	Mar. 3,'99
Fernando P. Gilmore	Com. Isla de Cuba	Jan. 1,'97	James R. Selfridge	Ins. 8th L. H. District	Mar. 3,'99
Eugene H. C. Leutze	Navy Yard, New York	Jan. 5,'97	William H. Everett	Com. Iris	Mar. 3,'99
Uriel Sebree	Ins. 12th L. H. District	Feb. 24,'97	John M. Hawley	Com. Hartford	Mar. 3,'99
William A. Windsor	Ins. Machin., Eliz'bthp't	Mar. 3,'99	John A. Rodgers	In Charge 6th L. H. D.	Mar. 3,'99
Albert R. Couden	Indian Head, Md	Mar. 14,'97	James W. Carlin	Com. Culgoa	Mar. 3,'99
Edwin C. Pendleton	Navy Yard, Washington	Mar. 21,'97	Gottfried Blocklinger	Enlistment Duty	Mar. 3,'99
William Swift	Navy Yard, New York	April 6,'97	Perry Garst	Naval Acad., Annapolis.	Mar. 3,'99
Henry B. Mansfield	Com. Lancaster	May 16,'97	James K. Cogswell	Ins. 1st L. H. District	Mar. 3,'99
Charles R. Roelker	Mem. Bd. Ins. & Survey.	Mar. 3,'99	Frederic Singer	In Charge 7th L. H. D.	Mar. 3,'99
Frederick M. Symonds	Ins. 9th L. H. District	June 19,'97	Arthur B. Speyers	Navy Yard, New York	Mar. 3,'99
Walton Goodwin	Com. Adams	July 21,'97	Ebenezer S. Prime	Navy Yard, League Isl'd	Mar. 3,'99
John D. Ford	Ins. Machin., Baltimore.	Mar. 3,'99	Nathan E. Niles	Navy Yard, Norfolk	Mar. 25,'99
Albert Ross	Com. Alliance	Aug. 28,'97	Thomas H. Stevens	Navy Yard, Norfolk	Mar. 29,'99
Richardson Clover	Chief Intelligence Office.	Sept. 16,'97	Allen S. Ogden	Navy Yard, League Isl'd	June 11,'99
James M. Miller	Com. Scandia	Sept. 26,'97	George Cowie	Ins. Machin., Morris H'ts	July 8,'99
Frederick M. Wise	Com. Enterprise	Nov. 7,'97	Charles P. Perkins	Com. Michigan	July 13,'99
John V. B. Bleecker	Com. Isla de Luzon	Dec. 5,'97	Charles G. Bowman	Navy Yard, Mare Island	July 13,'99
Andrew Dunlap	Com. Solace	Feb. 1,'98	William P. Potter	Navy Yard, League Isl'd	Sept. 9,'99
John A. B. Smith	Navy Yard, New York	Mar. 3,'99	William H. Beehler	Naval Attache, Berlin	Sept. 22,'99
Edward H. Gheen	Com. Marietta	Mar. 28,'98	Giles B. Harber	Navy Yard, New York	Sept. 25,'99
Wells L. Field	Com. Ranger	April 27, '98	John B. Briggs	Com. Glacier	Oct. 10,'99
Harrison G. O. Colby	Com. Marblehead	April 27, '98	Newton E. Mason	Torpedo Sta., Newport	Nov. 2,'99
Leavitt C. Logan	Com. Machias	May 1,'98	Arthur F. Nazro	Com. Manila	Nov. 22,'99
Conway H. Arnold	Com. Bennington	May 11,'98	William W. Kimball	Navy Yard, Norfolk	Dec. 8,'99
William S. Cowles	Asst. to Bureau of Nav.	June 5,'98	William P. Day	Com. Vixen	Dec. 8,'99
Charles O. Millbone	Com. Wilmington	July 3,'98	Daniel W. Mullan	Under Suspension	July 3,'89

THE NAVY—*Continued.*

VESSELS OF THE UNITED STATES NAVY.—Continued.

Name.	Class.	Keel Laid.	Displacement, Tons.	Speed, Knots.	Horse-Power.	Cost.	Batteries. Main.	Batteries. Secondary.
Newport	C G B	1897	1,000	12	1,008	$229,400	6 4-in. R F guns.	4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.
Princeton	C G B	1898	1,100	12	800	230,000	6 4-in. R F guns.	4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.
Vicksburg	C G B	1897	1,000	13	1,118	229,400	6 4-in. R F guns.	4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.
Wheeling	C G B	1897	1,000	12	1,018	219,000	6 4-in. R F guns.	4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.
Special Class.								
Chesapeake	T S	1898	1,175	..	....	112,600	6 4-in. R F guns.	4 6-pdr. R F, 2 1-pdr. R F.
Dolphin	D B	1883	1,486	16	2,253	315,000	3 4-in. R F guns.	2 14-pdr. R F, 2 6-pdr. R F, 2 3-pdr. R F, 2 Gatlings.
Vesuvius	D G B	1887	929	21	3,795	350,000	3 15-in. dynamite guns.	5 3-pdr. R F, 1 Colt.
Auxiliary Cruisers.								
Badger	S C	....	4,784	16	3,200	367,000	6 5-in. R F guns.	6 3-pdrs.
Buffalo	S C	....	6,000	14.5	3,600	575,000	2 5-in. R F guns, 4 4-in. R F guns.	2 6-mm. Colts, 6 6-pdrs.
Dixie	S C	....	6,114	16	3,800	575,000	10 6-in. R F guns.	6 6-pdrs., 2 Colts.
Panther	I C	....	4,260	13	....	375,000	6 5-in. R F guns, 2 4-in. R F guns.	6 3-pdrs., 1 Colt, 1 3-in. field.
Prairie	I C	....	6,872	14.5	3,800	575,000	10 6-in. R F guns.	6 6-pdr. R F, 2 Colts.
Yankee	I C	....	6,000	14.5	3,800	575,000	10 5-in. R F guns.	6 6-pdrs., 2 Colts.
Yosemite	I C	....	6,179	16	3,800	575,000	10 5-in. R F guns.	6 6-pdrs., 2 Colts.
Torpedo Boats.								
Bagley*	T B	1898	167	28	4,200	161,000	.....	3 3-pdr. R F, 3 18-in. W T.
Bailey*	T B	1897	235	30	5,600	210,000	.....	4 6-pdr. R F, 2 18-in. W T.
Barcelo†	T B	....	66	17	600	.....	.....	.....
Barney*	T B	1898	167	28	4,200	161,000	.....	3 3-pdr. R F, 3 18-in. W T.
Biddle*	T B	1898	167	28	4,200	161,000	.....	3 3-pdr. R F, 3 18-in. W T.
Blakeley*	T B	1898	165	26	3,000	159,000	.....	3 3-pdr. R F, 3 18-in. W T.
Cushing	T B	1888	105	22.5	1,720	82,750	.....	3 1-pdr. R F, 3 18-in. W T.
Dahlgren*	T B	1897	145	30	4,200	194,000	.....	4 1-pdr. R F, 2 18-in. W T.
Davis*	T B	1897	154	23	1,750	81,545	.....	3 1-pdr. R F, 3 18-in. W T.
De Long*	T D	1898	165	26	3,000	159,400	.....	3 3-pdr. R F, 3 18-in. W T.
Du Pont	T B	1896	165	28	....	147,000	.....	4 1-pdr. R F, 3 18-in. W T.
Ericsson	T B	1892	120	24	1,800	113,500	.....	3 1-pdr. R F, 3 18-in. W T.
Farragut*	T B	1897	279	30	5,600	227,500	.....	4 6-pdr. R F, 2 18-in. W T.
Foote	T B	1896	142	24	2,000	97,500	.....	3 1-pdr. R F, 3 18-in. W T.
Fox*	T B	1897	154	23	1,750	85,000	.....	3 1-pdr. R F, 3 18-in. W T.
Goldsborough*	T B	1897	247	30	6,000	214,500	.....	4 6-pdr. R F, 2 18-in. W T.
Gwin	T B	1897	45	20	850	39,000	.....	1 1-pdr. R F, 2 18-in. W T.
MacKenzie	T B	1897	65	20	850	48,500	.....	1 1-pdr. R F, 2 18-in. W T.
Manly*	T B	1897	....	..	....	24,250	.....	3 3-pdr. R F, 3 18-in. W T.
McKee*	T B	1897	65	19	850	45,000	.....	2 1-pdr. R F, 2 18-in. W T.
Morris*	T B	1897	104	24	1,750	89,000	.....	3 1-pdr. R F, 3 18-in. W T.
Nicholson*	T B	1898	174	26	....	165,000	.....	3 3-pdr. R F, 3 18-in. W T.
O'Brien*	T B	1899	174	26	....	165,000	.....	3 3-pdr. R F, 3 18-in. W T.
Plunger (Submarine)	S T B	1896	168	8	1,200	150,000	.....	2 W T.
Porter	T B	1896	165	28	....	147,000	.....	4 1-pdr. R F, 3 18-in. W T.
Rodgers	T B	1896	142	24	2,000	97,500	.....	3 1-pdr. R F, 3 18-in. W T.
Rowan	T B	1896	182	27	3,200	160,000	.....	4 1-pdr. R F, 3 18-in. W T.
Shubrick*	T B	1899	165	26	3,000	129,750	.....	3 3-pdr. R F, 3 18-in. W T.
Somers*	T B	1897	145	23	1,900	72,997	.....	3 3-pdr. R F, 3 18-in. W T.
Stiletto	T B	1888	31½	18	359	25,000	.....	.....
Stockton*	T B	1898	165	26	3,000	129,750	.....	3 3-pdr. R F, 3 18-in. W T.
Stringham*	T B	1897	340	30	7,200	236,000	.....	7 6-pdr. R F, 2 18-in. W T.
T. A. M. Craven*	T B	1897	146	30	4,200	194,000	.....	4 1-pdr. R F, 2 18-in. W T.
Talbot	T B	1897	46	21	850	39,000	.....	1 1-pdr. R F, 2 18-in. W T.
Thornton*	T B	1898	165	26	3,000	129,750	.....	3 3-pdr. R F, 3 18-in. W T.
Tingey*	T B	1898	165	26	3,000	168,000	.....	3 3-pdr. R F, 3 18-in. W T.
Wilkes*	T B	1898	165	26	3,000	146,000	.....	3 3-pdr. R F, 3 18-in. W T.
Winslow	T B	1896	142	24	2,000	97,500	.....	3 1-pdr. R F, 3 18-in. W T.
Tor.-Boat Destroyers.								
Bainbridge*	T D	1898	420	29	8,000	283,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Barry*	T D	1899	420	29	8,000	283,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Chauncey*	T D	1899	420	29	8,000	283,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Dale*	T D	1899	420	28	8,000	260,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Decatur*	T D	1899	420	28	8,000	260,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Hopkins*	T D	1899	408	29	7,200	291,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Hull*	T D	1899	408	29	7,200	291,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Lawrence*	T D	1899	400	30	8,400	281,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Macdonough*	T D	1899	400	30	8,400	281,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Paul Jones*	T D	1899	420	29	7,000	285,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.
Perry*	T D	1899	420	29	7,000	285,000	.....	2 14-pdr. R F 5 6-pdr. R F, 2 18-in. W T.
Preble*	T D	1899	420	29	7,000	285,000	.....	2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.

THE NAVY—*Continued.*

VESSELS OF THE UNITED STATES NAVY.—Continued.

Name.	Class.	Keel Laid.	Displacement, Tons.	Speed, Knots.	Horse-Power.	Cost.	Batteries. Main.	Batteries. Secondary.
Stewart*.....	T D	1899	420	29	8,000	$282,000	.....	2 14-pdr. R F, 6 6-pdr. R F, 2 18-in. W T.
Truxton*.....	T D	1899	433	29	8,300	286,000	.....	2 14-pdr. R F, 6 6-pdr. R F, 2 18-in. W T.
Whipple*.....	T D	1899	433	30	8,300	286,000	.....	2 14-pdr. R F, 6 6-pdr. R F, 2 18-in. W T.
Worden*.....	T D	1899	433	30	8,300	286,000	.....	2 14-pdr. R F, 6 6-pdr. R F, 2 18-in. W T.

SMALL UNARMORED GUNBOATS.

Albany, Alvarado‡, Belusan, Calamianes, Callao‡, El Cano‡, Guardoqui, Leyte‡, Manileno, Mariveles, Mindanao‡, Mindoro, Pampango, Panay, Paragua, Samar, Sandoval‡, Urdaneta, Vasco. These vessels are all of a tonnage less than 500, having a speed of 8 to 19 knots.

*Building or building contracted for. †Appropriation to complete monitors, $3,178,046. ‡Captured from Spain.

OLD NAVAL VESSELS.

Old Iron Vessels.—Alert, Monocacy, Michigan, and Ranger. These have a tonnage varying from 550 to 1,370; horse-power, 190 to 850, and speed, 8.5 to 11.2 knots.

Old Wooden Vessels.—Adams, Alliance, Enterprise, Essex, Hartford (recently rebuilt), Lancaster, Marion, and Mohican. These have a tonnage varying from 900 to 3,250; horse-power, 220 to 2,000, and speed, 7.5 to 12 knots.

The above are steam vessels. In addition to the old navy vessels enumerated above, are the following sailing vessels: Training-ship Constellation, 8 guns, built 1854; Training-ship Monongahela, built 1862, and School-ships St. Mary's and Saratoga.

NAVAL TUGS.

The following tugs are a part of the Naval Service: Fortune, Iwana, Leyden, Narkeeta, Nina, Petrelito, Rapido, Standish, Sureste, Traffic, Triton, Unadilla, Wahneta, Samoset, Penacook, and Pawtucket. These have a tonnage varying from 187 to 450, horse-power of from 147 to 500, and speed of from 8.5 to 13 knots.

The following wooden vessels are unfit for further sea service: Receiving-ships Franklin, Pensacola, Richmond, Wabash, and Independence, the Nipsic and Constitution.

The following vessels are being used by various State naval militia: Fern, Marion, Minnesota, Portsmouth, Yantic, Dale, New Hampshire, and St. Louis.

The Jamestown, Omaha, and Iroquois have been transferred to the Marine Hospital Service.

AUXILIARY NAVY.

Of the vessels purchased by the Navy Department for the purpose of forming an auxiliary fleet during the war with Spain, 88 still remain in its possession. These comprise cruisers, tugs, and colliers, a number of which are being employed on special service.

DIMENSIONS, COAL SUPPLY, ARMOR, AND COMPLEMENT.

Vessels.	Length on Load Water Line.		Extreme Breadth.		Mean Draught.		Type of Engine.	Normal Coal Supply.	Bunker Capacity.	No. of Torpedo Tubes.	Armor. Sides.	Armor. Turrets.	Armor. Barbette.	Protective Deck. Slope.	Protective Deck. Flat.	Complement. Officers.	Complement. Men.
	Ft.	In.	Ft.	In	Ft.	In		Tons.	Tons.		In.	In.	In.	In.	In.		
Alabama.....	368	0	72	2	23	6	T. S., V. T. E.....	800	1,440	4	16.5	14	15	3to4	2¾	40	453
Albany.....	346	0	43	9	18	0	T. S., V. T. E.....	512	743	3	..	..	..	3	1¼	24	341
Amphitrite.....	259	6	55	6	14	6	T. S., I. C.....	250	250	..	9	7.5	11.5	..	1¾	26	156
Arkansas.....	252	0	50	0	12	6	T. S., V. T. E.....	400	400	..	11	10	11	..	1½	7	124
Atlanta	271	3	42	1	16	10	S. S., H. C	..	490	..	..	..	..	1.5	1.5	19	277
Baltimore.....	327	6	48	7	20	0	T. S., H. T. E	400	1,156	..	..	..	..	4	2½	36	350
Bennington.....	230	0	36	0	14	0	T. S., H. T. E	200	403	..	..	..	..	⅜	⅜	16	181
Boston.....	271	3	42	1	17	0	S. S., H. C	..	503	..	..	..	..	1½	1½	19	270
Brooklyn.....	400	6	64	8	24	0	T. S., V. T. E.....	900	1,461	4	3	5.5	8	6	3	46	471
Castine.....	204	0	32	1	12	0	T. S., V. T. E.....	125	292	..	..	..	..	⅜	5-16	11	142
Chattanooga.....	292	0	44	0	15	9	T. S., V. T. E.....	467	700	..	..	..	..	2 &1	1½	30	263
Chicago	325	0	48	2	20	4	T. S., V. T. E.....	593	890	..	..	..	..	1½	1½	33	426
Cincinnati.....	300	0	42	0	18	0	T. S., V. T. E.....	350	468	..	..	..	..	2½	1	20	319
Cleveland	292	0	44	0	15	9	T. S., V. T. E.....	467	700	..	..	..	..	2 &1	½	30	263
Columbia.....	412	0	58	2	22	6	Tr. S., V. T. E.....	750	1,670	4	..	..	..	4	2½	30	447
Concord.....	230	0	36	0	14	0	T. S., H. T. E	200	381	..	..	..	..	⅜	⅜	13	181
Connecticut	252	0	50	0	12	6	T. S., V. T. E.....	400	400	..	11	10	11	..	1½	7	124
Denver	292	0	44	0	15	9	T. S., V. T. E.....	467	700	..	..	..	..	2 &1	½	30	263
Des Moines.....	292	0	44	0	15	9	T. S., V. T. E.....	467	700	..	..	..	..	2 &1	½	30	263
Detroit	257	0	37	0	14	7	T. S., V. T. E.....	200	340	2	..	..	..	7-18	5-16	20	245
Don Juan de Austria.....	210	0	32	0	12	6	S. S.....	..	210	..	..	..	..	..	..	..	..
Florida.....	252	0	50	0	12	6	T. S., V. T. E.....	400	400	..	11	10	11	..	1½	7	124
Galveston	292	0	44	0	15	9	T. S., V. T. E.....	467	700	..	..	..	..	2 &1	½	30	263
Helena	250	9	40	0	9	0	T. S., V. T. E.....	100	300	..	..	..	..	3-18	5-16	10	166
Illinois	368	0	72	2	23	6	T. S., V. T. E.....	800	1,440	4	16½	14	15	3to4	2¾	40	453
Indiana.....	348	0	69	3	25	1	T. S., V. T. E.....	400	1,597	2	18	15	17	..	2¾	32	465
Iowa	360	0	72	2	24	0	T. S., V. T. E.....	625	1,795	4	14	15	15	..	2¾	36	474
Isla de Cuba.....	192	0	30	1	11	6	T. S., H. T. E.....	100	160	3	..	..	..	2½	1½	..	..
Isla de Luzon	192	0	30	1	11	6	T. S., H. T. E.....	100	160	3	..	..	..	2½	1½	..	..

The State Militia of the States of the Union.

STRENGTH OF THE NATIONAL GUARD AND OF THE AVAILABLE ARMS-BEARING POPULATION OF EACH OF THE STATES AND TERRITORIES.

COMPILED for THE WORLD ALMANAC from records in the War Department and reports from State authorities up to December 1, 1899, by Captain W. R. Hamilton, Seventh Artillery, U. S. A.

States and Territories.	Official State Designation.	Generals and Gen'l Staff.	Cavalry.	Artillery.	Infantry.	Total Number Authorized.	Total Liable to Military Service.
Alabama	Alabama State Troops	29	...	77	782	33,500	265,000
Alaska	No organized militia	..	...	...	....	....	5,000
Arizona	National Guard of Arizona	9	...	...	541	893	19,200
Arkansas	Arkansas State Guard	26	132	146	1,650	....	214,000
California	National Guard of California	42	...	...	3,240	5,459	340,000
Colorado	National Guard of Colorado	1	102	74	460	3,500	140,000
Connecticut	National Guard of Connecticut	21	...	78	2,512	4,108	163,000
Delaware	National Guard of Delaware	3	...	...	600	750	36,000
District of Columbia	National Guard District of Columbia	36	74	64	1,200	3,350	47,000
Florida	Florida State Troops	6	...	130	870	1,464	79,000
Georgia	Georgia Volunteers	74	366	...	2,212	12,320	336,000
Hawaii	Hawaiian National Guard	8	42	...	1,600	N. Ltd.	12,000
Idaho	Idaho National Guard	1	...	208	104	N. Ltd.	24,800
Illinois	Illinois National Guard	26	269	...	6,000	9,812	852,000
Indiana	Indiana Legion	1	...	...	....	4,600	456,000
Indian Territory	No organized militia	..	...	...	....	....	30,000
Iowa	Iowa National Guard	22	82	...	1,268	5,000	400,000
Kansas	Kansas National Guard	6	...	67	1,240	1,412	295,000
Kentucky	Kentucky National Guard	1	...	...	1,500	3,500	360,000
Louisiana	Louisiana State National Guard	47	63	712	1,892	2,728	205,000
Maine	National Guard State of Maine	9	...	...	....	4,000	133,000
Maryland	Maryland National Guard	5	...	...	1,468	2,265	204,000
Michigan	Michigan National Guard	1	...	...	...	3,644	462,000
Massachusetts	Massachusetts Volunteer Militia	24	252	728	4,195	6,354	499,000
Minnesota	National Guard of Minnesota	8	...	...	1,200	4,500	304,000
Mississippi	Mississippi National Guard	1	162	...	1,092	1,800	228,000
Missouri	National Guard of Missouri	14	...	142	1,872	3,000	566,000
Montana	National Guard of Montana	1	46	...	162	N. Ltd.	55,000
Nebraska	Nebraska National Guard	5	...	67	980	2,000	253,000
Nevada	Nevada National Guard	8	...	61	300	1,700	14,000
New Hampshire	New Hampshire National Guard	7	...	...	1,164	1,709	79,000
New Jersey	National Guard of New Jersey	61	134	...	4,090	6,223	313,000
New Mexico	National Guard of New Mexico	8	214	29	382	1,500	36,000
New York	National Guard State of New York	82	390	412	13,112	15,000	1,300,000
North Carolina	North Carolina National Guard	24	...	...	892	1,800	273,000
North Dakota	North Dakota National Guard	..	...	...	764	936	46,000
Ohio	Ohio National Guard	18	741	756	1,488	9,587	767,000
Oklahoma	Oklahoma National Guard	9	...	...	414	500	15,000
Oregon	Oregon National Guard	12	...	90	702	2,164	87,000
Pennsylvania	National Guard Pennsylvania	84	326	410	928	10,878	1,140,000
Philippine Islands	No militia organized	..	...	...	....	....	700,000
Porto Rico	United States Volunteers, Porto Rico	..	...	...	300	300	125,000
Rhode Island	Brigade of Rhode Island Militia	7	...	62	1,376	1,571	75,000
South Carolina	South Carolina Volunteer State Troops	1	492	279	1,512	N. Ltd.	196,000
South Dakota	South Dakota National Guard	14	...	64	846	1,030	80,000
Tennessee	National Guard State of Tennessee	9	...	...	1,728	N. Ltd.	324,000
Texas	Texas Volunteer Guard	44	156	281	1,614	3,000	446,000
Utah	National Guard of Utah	20	...	212	600	900	46,000
Vermont	National Guard of Vermont	9	...	96	737	870	67,000
Virginia	Virginia Volunteers	17	128	74	3,128	5,104	295,000
Washington	National Guard of Washington	23	126	...	1,262	1,600	124,000
West Virginia	West Virginia National Guard	13	...	...	1,006	1,438	147,000
Wisconsin	Wisconsin National Guard	31	63	97	1,624	3,000	348,000
Wyoming	Wyoming National Guard	11	...	92	1,078	1,170	25,000

NOTE.—The above table is incomplete. Many of the States have not reorganized their militias since the end of the Spanish-American War of 1898. Others have their returns in an incomplete condition, while some will not report any figures at present.—W. R. H.

Naval Militia.

THE Naval Militia is now organized in eighteen States and in the District of Columbia, as follows: California, Captain L. H. Turner; Connecticut, Lieutenant-Commander A. H. Day; District of Columbia, Commander S. G. Hopkins; Florida, Commander J. W. Fitzgerald; Georgia, Commander F. D. Aiken; Illinois, Captain B. M. Shaffner; Louisiana, Commander J. W. Bostick; Maryland, Commander I. E. Emerson; Massachusetts, Captain J. W. Weeks; Michigan, Commander G. Wilkes; New Jersey, Battalion of the East, Commander W. Irving, Battalion of the West, Commander H. R. Cohen; New York, Captain J. W. Miller; North Carolina, Commander G. L. Morton; Ohio, Lieutenant-Commander A. U. Betts, commanding First Battalion, Lieutenant-Commander G. R. McKay, commanding Second Battalion; Oregon, Lieutenant-Commander W. A. Sherman; Pennsylvania, Commander J. S. Muckle; Rhode Island, Commander W. M. Little; South Carolina, Commander R. H. Pinckney; Virginia, Commander H. L. Cannon.

The proper duty of the Naval Militia in time of war should be to man the coast and harbor defence vessels, thus leaving free the regular force to carry on offensive operations at sea.

All matters relating to the Naval Militia come under the cognizance of the Assistant Secretary of the Navy. Total enlisted force of petty officers and men on January 1, 1899, 5,439. The Navy Department transacts all its business with the Naval Militia through the Governors and the Adjutants-General of the States. The officer of the Navy Department at Washington having cognizance of Naval Militia matters is Lieutenant W. H. H. Southerland, U. S. N.

Diplomatic and Consular Service.

AMBASSADORS EXTRAORDINARY AND PLENIPOTENTIARY.

Country.	*Name and State.*	*Salary.*
France	Horace Porter, N. Y.	$17,500
Germany	Andrew D. White, N. Y.	17,500
Great Britain	Joseph H. Choate, N. Y.	17,500
Italy	William F. Draper, Mass.	$12,000
Mexico	Powell Clayton, Ark.	17,500
Russia	Charlemagne Tower, Pa.	17,500

ENVOYS EXTRAORDINARY AND MINISTERS PLENIPOTENTIARY.

Argentine Rep.	William P. Lord, Oregon.	$10,000
Aust.-Hungary	Addison C. Harris, Ind.	10,000
Belgium	Laurence Townsend, Pa.	7,500
Bolivia	George H. Bridgman, N. J.	5,000
Brazil	Charles Page Bryan, Ill.	12,000
Chile	Henry L. Wilson, Wash.	10,000
China	Edwin H. Conger, Iowa	12,000
Colombia	Charles Burdett Hart, W. Va	10,000
Denmark	Laurits S. Swenson, Minn.	7,500
Ecuador	Archibald J. Simpson, Ariz.	5,000
Greece	Arthur S. Hardy, N. H.*	6,500
Guatemala	W. Godfrey Hunter, Ky.†	10,000
Hayti	Wm. F. Powell, N. J.§	5,000
Japan	Alfred E. Buck, Ga.	$12,000
Netherlands	Stanford Newel, Minn.	7,500
Nicaragua	William L. Merry, Cal.‡	10,000
Paraguay and Uruguay	William R. Finch, Wis.	7,500
Peru	Irving B. Dudley, Cal.	10,000
Portugal	John N. Irwin, Iowa	5,000
Spain	Bellamy Storer, Ohio.	12,000
Sweden and Norway	Wm. W. Thomas, Jr., Me.	7,500
Switzerland	John G. A. Leishman, Pa.	5,000
Turkey	Oscar S. Straus, N. Y.	10,000
Venezuela	Francis B. Loomis, Ohio.	7,500

MINISTERS RESIDENT AND CONSULS-GENERAL.

Korea	Horace N. Allen, Ohio.	$7,500
Liberia	Owen L. W. Smith, N. C.	4,000
Persia	Herbert W. Bowen, N. Y.	$5,000
Siam	Hamilton King, Mich.	5,000

SECRETARIES OF EMBASSIES AND LEGATIONS.

Argentine Rep.	François S. Jones, La.	$1,500
Aust.-Hungary	Charles V. Herdliska, D. C.	1,800
Brazil	Thomas C. Dawson, Iowa	1,800
Chile	Henry J. Leaderink, Iowa	1,800
China	Herbert G. Squiers, N. Y.	2,625
China	W. E. Bainbridge, Ia. (2d sec)	1,800
Colombia	Arthur M. Beaupré, Ill.‖	2,000
France	Henry Vignaud, La.	2,625
France	Spencer F. Eddy, Ill. (2d sec.)	2,000
Germany	John B. Jackson, N. J.	2,625
Germany	George M. Fisk, O. (2d sec.).	2,000
Great Britain	Henry White, R. I.	2,625
Great Britain	John R. Carter, Md. (2d sec.).	2,000
Guatemala	James C. McNally, Pa.	2,000
Italy	Lewis M. Iddings, N. Y.	$1,800
Italy	R. C. Parsons, Jr., Ohio (2d sec.).	
Japan	J. R. Herod, Ind.	2,625
Japan	H. Wilson, Ill. (2d sec.)	1,800
Korea	William F. Sands, D. C.	1,500
Mexico	Fenton R. McCreery, Mich.	2,625
Mexico	Wm. Heimke, N. Y. (2d sec.)	2,000
Nicaragua	Rufus A. Lane, Cal.‖	1,800
Peru	Richard R. Neill, Pa.	1,500
Russia	H. D. Peirce, Mass.	2,625
Russia	H. J. Hagerman, Col. (2d sec.)	2,000
Spain	Stanton Sickles, N. Y.	1,800
Turkey	Lloyd C. Griscom, Pa.	1,800
Venezuela	Wm. W. Russell, Md.	1,500

CONSULAR SERVICE.

C. G., Consul-General; C., Consul; V. C., Vice-Consul; D. C., Deputy Consul; C. A., Commercial Agent; Agt., Agent.

There are about 750 consular representatives of the United States of the several grades abroad. Those at the principal places in the world are given here. Where there are a consul and vice or deputy consul at the same place only the consul is given.

Argentine Republic.		
Buenos Ayres	Daniel Mayer, W. Va., C.	$2,500
Cordova	John M. Thorne, Pa., V. C.	Fees.
Rosario	James M. Ayers, Ohio, C.	Fees.
Austria-Hungary.		
Buda-Pesth	Frank D. Chester, Mass., C.	Fees.
Prague	Hugo Donzelmann, Wyo., C.	3,000
Trieste	F. W. Hossfeld, Iowa, C.	2,000
Vienna	Carl Bailey Hurst, D. C., C. G.	3,500
Belgium.		
Antwerp	George F. Lincoln, Ct., C. G.	3,000
Brussels	George W. Roosevelt, Pa., C.	2,500
Ghent	Richard Le Bert, Col., C.	2,000
Liege	Alfred A. Winslow, Ind., C.	1,500
Bolivia.		
La Paz	Gerardo Zalles, Bolivia, V. C.	Fees.
Brazil.		
Bahia	Henry W. Furniss, Ind., C.	2,000
Para	K. K. Kenneday, Miss., C.	2,000
Pernambuco	John Krause, Brazil, V. C.	2,500
Rio de Janeiro	Eugene Seeger, Ill., C. G.	5,000
Santos	Max J. Baehr, Neb., C.	2,500
Chile.		
Arica	John W. Lutz, Ohio, C.	Fees.
Iquique	Joseph W. Merriam, Mass., C.	Fees.
Valparaiso	John F. Caples, Ore., C.	3,000
China.		
Amoy	A. B. Johnson, Col., C.	3,500
Canton	Edward Bedloe, Pa., C	3,500
Chefoo	John Fowler, Mass., C	2,500
Chinkiang	William Martin, N. Y., C	3,000
Chungking	George F. Smithers, Del., C.	3,000
Fuchau	Samuel L. Gracey, Mass., C.	3,000
Hankau	Levi S. Wilcox, Ill., C.	3,000
Shanghai	John Goodnow, Minn., C. G.	5,000
Tientsin	James W. Ragsdale, Cal., C.	$3,500
Colombia.		
Barranquilla	W. Irvin Shaw, Pa., C.	2,000
Bogotá	Arthur M. Beaupré, Ill., C. G.	2,000
Cartagena	Rafael Madrigal, Md., C.	Fees.
Colon	Wm. W. Cobbs, Va., C.	3,000
Medellin	Thomas Herran, Colom., C.	Fees.
Panama	Hezek. A. Gudger, N. C., C. G.	4,000
Costa Rica.		
San José	John C. Caldwell, Kan., C.	2,000
Denmark and Dominions.		
Copenhagen	John C. Ingersoll, Ill., C.	1,500
St. Thomas	Mahlon Van Horne, R. I., C.	2,500
Dominican Republic.		
Puerto Plata	Thomas Simpson, R. I., C.	Fees.
Samana	Jean M. Villain, D. R., V. C. A.	Fees.
San Domingo	C. L. Maxwell, Ohio, C. G.	2,000
Ecuador.		
Guayaquil	Perry M. De Leon, Ga., C. G.	3,000
France and Dominions.		
Algiers, Africa	Charles T. Grellet, Cal., C.	Fees.
Bordeaux	Albion W. Tourgée, N. Y., C.	3,000
Boulogne-sur-mer	William Hale, N. C., Agt.	....
Brest	A. Pitel, France, Agt.	....
Calais	James B. Milner, Ind., C.	2,000
Cannes	Philip T. Riddett, Fr., Agt.	....
Cette	Lorenz S. Nahmens, Fr., Agt.	....
Cherbourg	Henry J. E. Hainneville, France, Agt.	....
Dieppe	Raoul de Bourgeois, Fr., Agt.	....
Dijon	Ernest Bourette, Fr., Agt.	....
Gorée-Dakar, Africa	Peter Strickland, Ct., C.	Fees.
Grenoble	George B. Anderson, D. C., C.	1,500

* Also accredited to Roumania and Servia.
† Also accredited to Honduras.
‡ Also accredited to Costa Rica and Salvador.
§ Also *chargé d'affaires* to San Domingo.
‖ Also Secretary of Legation at Costa Rica and Salvador.

DIPLOMATIC AND CONSULAR SERVICE—*Continued.*

Guadel'pe, W.I. Louis H. Aymé, Ill., C..... $1,500
Havre .....A. M. Thackara, Pa., C..... 3,500
Honfleur.....Henry M. Hardy, Fr., Agt.. ....
La Rochelle ....George H. Jackson, Ct., C... 1,500
Lille.....C. D. Gregoise, France, Agt. ....
Limoges .....Walter T. Griffin, N. Y., C.A. 1,500
Lyons .....John C. Covert, Ohio, C..... 2,500
Marseilles .....Robert P. Skinner, Ohio, C.. 2,500
Mart'que, W. I. George L. Darte, Pa., C..... 1,500
Monaco. .....Emile de Loth, Monaco, Agt. ....
Nantes.....Joseph I. Brittain, Ohio, C.. 1,500
Nice.....Harold S. Van Buren, N.J., C. 1,500
Paris.....John K. Gowdy, Ind., C.G.. 5,000
Paris.....E. P. MacLean, N.Y., D.C.G. ....
Paris.....J. Allison Bowen, Ill., D.C.G. ....
Rennes .....Ernest Folliard, France, Agt. ....
Rheims.....Wm. A. Prickitt, N. J., C..... 2,000
Roubaix.....Wm. P. Atwell, D.C., C..... 2,000
Rouen.....E. M. J. Dellepiane, Cal., V.C. Fees.
Saigon, Cochin China.....E. Schneegans, Saigon, C.A. Fees.
St. Etienne.....Hilary S. Brunot, Pa., C..... 2,000
St. Nazaire.....Thos. Sankey, France, Agt. ....
St. Pierre.....C. M. Freeman, N.H., C. A.. Fees.
Tahiti, Society Islands.....Jacob L. Doty, N.Y., C..... 1,000
Tamatave, Madagascar.. .....Mifflin W. Gibbs, Ark., C... 2,000
Toulon.....Benj. A. Jouve, France, Agt. ....

Germany.

Aix la Chapelle. Frank M. Brundage, Pa., C.. 2,500
Annaberg.....John F. Winter, Ill., C..... 2,500
Bamberg.....Louis Stern, Minn., C. A.... 2,000
Barmen.....Max Bouchsein, Ill., C..... 3,000
Berlin.....Frank H. Mason, Ohio, C.G. 4,000
Bremen .....H. W. Diederich, D.C., C.... 2,500
Bremen.....George H. Murphy, N. C.... ....
Breslau.....Charles W. Erdman, Ky., C. 1,500
Brunswick.....Talbot J. Albert, Md., C.... 2,000
Chemnitz. .....James C. Monaghan, R. I., C. 2,500
Coburg.....Oliver J. D. Hughes, Ct., C... 2,000
Cologne. .....John A. Barnes, Ill., C..... 2,000
Crefeld.....Julian Phelps, Iowa, C..... 2,000
Dantzic.....Philip Albrecht, Ger., Agt... ....
Dresden.....Charles L. Cole, Pa., C.G.... 3,000
Düsseldorf.....George P. Pettit, Pa., C..... 2,000
Frankfort.....Richard Guenther, Wis., C.G. 3,000
Freiburg, Baden E. Theophilus Liefeld, Ct., C. 1,500
Glauchau.....George Sawter, Ct., C..... 2,000
Hamburg.....Hugh Pitcairn, Pa., C..... 2,500
Hanover.....Jay White, Mich., C..... 1,500
Kehl .....Alexander Wood, Pa., C.... 1,500
Leipsic.....B. H. Warner, Jr., Md., C. 2,000
Lübeck.....Jacob Meyer, Jr., Ger., Agt. ....
Mainz.....Walter Schumann, N. Y., C. 2,500
Mannheim.. .....Peter J. Osterhaus, Mo., V.C. ....
Munich .....James H. Worman, N.Y., C. 2,000
Nuremberg. .....Gustave C. E. Weber, Ohio, C 3,000
Plauen.....Thomas W. Peters, D.C., C. 2,500
Stettin .....John E. Kehl, Ohio, C..... 1,000
Stuttgart.....Edward H. Ozmun, Minn., C. 2,500
Weimar.....Thos. Ewing Moore, D.C., C. 2,000
Zittau.....William K. Herzog, Ill., C.. 1,500

Great Britain and Dominions.

Aberdeen.....Andrew Murray, Scot., Agt. ....
Aden, Arabia...E. S. Cunningham, Tenn., C.. Fees.
Antigua, W. I.. Henry M. Hunt, Ill., C..... 1,500
Auckland, N. Z.. Frank Dillingham, Cal., C.. 2,000
Barbadoes, W. I. Sam. A. Macallister, Del., C. 2,000
Bathurst, Afr...Henry Goddard, V.C..... Fees.
Belfast, Ire.....Wm. W. Touvelle, Ohio, C... 3,000
Belize, Hond...William L. Avery, Mont., C. 1,500
Belleville, Ont..Mich'l J. Hendrick, N.Y., C. Fees.
Birmingham....Marshal Halstead, N. Y., C. 2,500
Bombay, India. William T. Fee, Ohio, C..... 2,000
Bradford, Eng..Erastus Sheldon Day, Ct., C. 3,000
Bristol, Eng....Lorin A. Lathrop, Cal., C... 1,500
Brockville, Ont. Chas. W. Merriman, Wis., C. 1,500
Calcutta, India. R. F. Patterson, Tenn., C. G.. 5,000
Campb't'n, N.B. Jas. S. Benedict, N.Y., C. A.. Fees.
Cape Town.....James G. Stowe, Mo., C. G.. 3,000
Cardiff, Wales..Daniel T. Phillips, Ill., C.... 2,000
Ceylon.....William Morey, Me., C..... 1,500
Charlottetown, P. E. I.....Delmar J. Vail, Vt., C..... 1,500
Chatham, Ont..Chas. E. Monteith, Idaho, C. $2,000
Coaticook, Que..Jesse H. Johnson, Tex., C.. 1,500
Collingw'd, Ont. William Small, D.C., C..... 2,000
Cork, Queenst..Daniel Swiney, Ohio, C..... 2,000
Dawson, N. W. Ter.....James C. McCook, Pa., C.... 3,000
Demerara.....George H. Moulton, Col., C. 3,000
Dover.....Francis W. Prescott, Agt... ....
Dublin.....Joshua Wilbour, R. I., C... 2,000
Dundee.....John C. Higgins, Del., C.... 2,500
Dunfermline....John N. McCunn, Wis., C.... 2,000
Durban, Natal..A. H. Rennie, Natal, Agt... ....
Edinburgh.....Rufus Fleming, Ohio, C..... 2,500
Falmouth.....Howard Fox, England, C.... Fees.
Fort Erie, Ont..Ossian Bedell, N. Y., C..... 1,500
Gibraltar.....Horatio J. Sprague, Mass., C. 1,500
Glasgow.....Samuel M. Taylor, Ohio, C... 3,000
Goderich, Ont..Robert S. Chilton, D. C., C. A. 1,500
Guelph, Ont.....Charles N. Daly, N. J., C.... 1,500
Halliax, N. S....John G. Foster, Vt., C. G.... 3,500
Hamilton, Ber.. W. Maxwell Greene, R. I., C. 2,000
Hamilton, Ont..Jas. M. Shepard, Mich., C.... 2,000
Hobart, Tasm...Alex. G. Webster, Tasm., C. Fees.
Hong Kong.....R. Wildman, Cal., C. G..... 5,000
Huddersfield...Benjamin F. Stone, Ohio, C. 2,500
Hull, Eng.....William P. Smyth, Mo., C... 1,500
Kimberley, S. A. Gardner Williams, Agt..... ....
Kingston, Jam. Ethelbert Watts, Pa., C..... 3,000
Kingston, Ont..Marsh. H. Twitchell, La., C. 1,500
Leeds. .....Lewis Dexter, R. I., C..... 2,000
Liverpool.....James Boyle, Ohio, C..... 5,000
Londonderry...P. T. Rogers, Ireland, Agt.. ....
Limerick.....Edmund Ludlow, Agt..... ....
London .....Wm. M. Osborne, Mass., C.G. 5,000
London .....R. Westacott, Mass., V.C. G. ....
London.....F. W. Frigout, Eng., D. C. G. ....
London, Ont....Henry S. Culvert, Ohio, C... 1,500
Madras.....Wm. H. Nichols, Mass., Agt. ....
Malta.....John H. Grout, Jr., Mass., C. 1,500
Manchester.....Wm. F. Grinnell, N. Y., C.. 3,000
Melbourne.....John P. Bray, N. Dak., C.G. 4,500
Moncton, N. B..G. Beutelspatcher, O., C. A. Fees.
Montreal.....John L. Bittinger, Mo., C. G. 4,000
Nassau, N. P....Thomas J. McLain, Ohio, C. 2,000
Newcastle-on-Tyne.....Horace W. Metcalf, Me., C.. 2,000
Newcastle, N. S. W.....Frederick W. Goding, Ill., C. Fees.
Niagara Falls, Ont.....Harlan W. Brush, N.Y., C.. 1,500
Nottingham....Silas C. McFarland, Iowa, C. 2,500
Ottawa, Ont.....Charles E. Turner, Ct., C. G. 3,000
Plymouth.....Joseph G. Stephens, Ind., C. Fees.
Port Hope, Ont. Harry P. Dill, Me., C. A.... 1,500
Port Louis, Mauritius.....John P. Campbell, Cal., C... 2,000
Pt. Sarnia, Ont. Neal McMillan, Mich., C.... 1,500
Portsmouth ....William J. Main, Eng., Agt. ....
Pt. Stanley, F. I. John E. Rowen, Iowa, C.... 1,500
Prescott, Ont...Grenville James, N. Y., C... 1,500
Quebec .....William W. Henry, Vt., C.. 1,500
St. Christopher. Joseph Haven, Ill., C. A.... Fees.
St. Helena.....Robert P. Pooley, N.Y., C... 1,500
St. John, N. B..Ira B. Myers, Ind., C 2,000
St. John's, N.F. Martin J. Carter, Pa., C.... 1,500
St. John's, Que. Charles Deal, N.Y., C..... 1,500
St. Steph'n, N.B. Chas. A. McCullough, Me., C. 1,500
St. Thomas, Ont. Michael J. Burke, Ill., C.... 2,000
Sheffield.....James Johnston, N. J., C.... 2,500
Sherbr'ke, Que. Paul Lang, N. H., C..... 2,000
Sierra Leone....John T. Williams, N. C., C.. 1,500
Singapore.....R. A. Moseley, Jr., Ala., C.G. 3,000
Southampton..John E. Hopley, Ohio, C.... 2,500
St. Lucia, W. I..William Peter, Agt..... ....
Stratford, Ont..August G. Seyfert, Pa., C... 1,500
St. Vincent, W. I. Ernest A. Richards, Agt.... ....
Suva, Fiji.....Alex. B. Joske, Fiji, C. A.... Fees.
Swansea, Wales. Griffith W. Prees, Wis., C... 2,500
Sydney, N. S....George N. West, D. C., C.... 1,500
Sydney, N. S. W. George W. Bell, Wash., C... 2,000
Three Rivers...Urbain J. Ledoux, Me., C... 1,500
Toronto, Ont....William L. Sewell, Ohio, C. 2,000
Trinidad, W. I..Alvin Smith, Ohio, C 2,000
Vancouver, B. C. L. Edwin Dudley, Mass., C. 2,000
Victoria, B. C..Abraham E. Smith, Ill., C.. 2,500

DIPLOMATIC AND CONSULAR SERVICE—*Continued.*

Wellingt'n, N.Z.	John Duncan, Agt.	....
Windsor, N. S.	Joseph T. Hoke, W.Va., C.	$1,000
Windsor, Ont.	Hugh C. Morris, Mich., C.	1,500
Winnipeg, Man.	Wm. H. H. Graham, Ind., C.	1,500
Woodst'k, N.B.	Frank C. Denison, Vt., C.	1,500
Yarmouth, N.S.	Radcliffe H. Ford, Me., C.	1,500
Greece.		
Athens	Daniel E. McGinley, Wis., C.	2,500
Patras	Alonzo C. Yates, Va., C.	1,000
Guatemala.		
Guatemala	James C. McNally, Pa., C.G.	2,000
Hayti.		
Aux Cayes	H. E. Roberts, Hayti, Agt.	....
Cape Haytien	Lem. W. Livingston, Fla., C.	1,000
Jacmel	Jean B. Vital, Hayti, Agt.	....
Port au Prince	John B. Terres, Hayti, V.C.G.	Fees.
Hawaii.		
Honolulu	Wm. Haywood, D. C., C. G.	4,000
Honduras.		
Tegucigalpa	Fred'k H. Allison, N.Y., C.	2,000
Utilla	Benj. Johnston, Iowa, C.	1,000
Italy.		
Bologna	Carlo Gardini, Italy, Agt.	....
Catania	Alex. Heingartner, Ohio, C.	1,500
Civita Vecchia	A. Marsania, Agt.	....
Florence	Edward C. Cramer, Wis., C.	1,500
Genoa	James Fletcher, Iowa, C.	1,500
Leghorn	James A. Smith, Vt., C.	1,500
Messina	Charles M. Caughy, Md., C.	1,500
Milan	William Jarvis, N. H., C.	1,500
Naples	A. Homer Byington, Ct., C.	2,000
Palermo	Church Howe, Neb., C.	2,000
Rome	Hector de Castro, N.Y., C. G.	3,000
San Remo	Albert Ameglia, Agt.	....
Sorrento	Adolph G. Studer, Italy, Agt.	....
Turin	Percy McElrath, N.Y., C.	1,000
Venice	Henry A. Johnson, D.C., C.	1,500
Japan.		
Nagasaki	Charles B. Harris, Ind., C.	3,000
Osaka & Hiogo	Samuel S. Lyon, N. J., C.	3,000
Tamsui, Formo.	Jas. W. Davidson, Minn., C.	1,500
Yokohama	John F. Gowey, Wash., C.G.	4,000
Korea.		
Seoul	Horace N. Allen, Ohio, C. G.	7,500
Liberia.		
Monrovia	Owen L. W. Smith, N.C., C.G.	4,000
Mexico.		
Acapulco	Geo. W. Dickinson, N.Y., C.	2,000
Chihuahua	William W. Mills, Tex., C.	Fees.
Ciudad Porfirio Diaz	Chas. P. Snyder, W. Va., C.	2,000
Durango	Walter H. Faulkner, Tex., C.	Fees.
Matamoras	P. Merrill Griffith, Ohio, C.	1,500
Mazatlan	Louis Kaiser, Ill., C.	1,500
Mexico	Andrew D. Barlow, Mo., C.G.	4,000
Monterey	Philip C. Hanna, Iowa, C.G.	2,500
Nuevo Laredo	Robt. Butler Mahone, Va., C.	1,500
Progreso	E. H. Thompson, Mass., C.	1,500
Saltillo	Chas. Burr Towle, N. H., C.	Fees.
Tampico	Samuel E. Magill, Ill., C.	2,000
Vera Cruz	William W. Canada, Ind., C.	3,000
Morocco.		
Tangier	S. R. Gummere, N.J., C. G.	2,000
Netherlands and Dominions.		
Amsterdam	Frank D. Hill, Minn., C.	1,500
Batavia, Java	Sidney B. Everett, Mass., C.	1,000
Curaçao, W. I.	Elias H. Cheney, N. H., C.	2,000
Rotterdam	Soren Listoe, Minn., C.	2,000
St. Martin, W.I.	Diederic C. Van Romondt, St. Martin, C.	Fees.
Nicaragua.		
Managua	Chester Donaldson, N.Y., C.	2,000
San Juan del Norte	William B. Sorsby, Miss., C.	2,500
Paraguay.		
Asuncion	John N. Ruffin, Tenn., C.	1,500
Persia.		
Teheran	H. W. Bowen, N.Y., C.G.	5,000
Peru.		
Callao	William B. Dickey, La., C.	3,500
Truxillo	Edward Gottfried, Peru, Agt.	....
Portugal and Dominions.		
Fayal	M. Benarus, Azores, Agt.	....
Funchal, Mad.	Thomas C. Jones, Ky., C.	$1,500
Lisbon	Jacob H. Thieriot, N.Y., C.	Fees.
Lourenzo Mar.	W. Stanley Hollis, Mass., C.	2,000
Oporto	William Stuve, Port., Agt.	....
St. Michael's	Geo. H. Pickerell, Ohio, C.	1,500
St. Vincent	J. B. Guimares, C.V.I., Agt.	....
Roumania.		
Bucharest	W. G. Boxshall, Rou., V.C.G.	....
Russia.		
Batum	Jas. C. Chambers, N. Y., C.	Fees.
Cronstadt	Peter Wigius, Agt.	....
Helsingfors	Victor Ek, Russia, V. C.	Fees.
Moscow	Thomas Smith, N. J., C.	Fees.
Odessa	Thos. E. Heenan, Minn., C.	2,000
Riga	N. P. A. Bornholdt, Russia, C.	Fees.
St. Petersburg	Wm. R. Holloway, Ind., C.G.	3,000
Vladivostock	Rich. T. Greener, N.Y., C.A.	2,500
Warsaw	Joseph Rawicz, Russia, C.	Fees.
Salvador.		
San Salvador	John Jenkins, Neb., C.	2,000
Samoa.		
Apia	Luther W. Osborn, Neb., C.G.	3,000
Siam.		
Bangkok	Hamilton King, Mich., C. G.	5,000
South African Republic.		
Bloemfontein	Alfred Elliott, O. F. S., Agt.	....
Johannesburg	Wm. D. Gordon, Ill., Agt.	....
Pretoria	Adelbert Hay, Ohio, C.	2,000
Spain and Dominions.		
Alicante	H. W. Carey, Spain, V. C.	Fees.
Barcelona	Julius G. Lay, D. C., C. G.	3,000
Bilbao	Carlos Yensen, Spain, Agt.	....
Cadiz	John Howell Carroll, Md., C.	1,500
Carthagena	Joseph Bowron, Spain, C.	Fees.
Corunna	Julius Harmony, N.Y., C.	Fees.
Madrid	Dwight T. Reed, N. Y., V. C.	Fees.
Malaga	R. M. Bartleman, Mass., C.	1,500
Seville	Sam. B. Caldwell, N.Y., Agt.	....
Valencia	H. L. Washington, Tex., C.	1,500
Teneriffe	Solomon Berliner, N. Y., C.	Fees.
Sweden and Norway.		
Bergen	Victor E. Nelson, Cal., C.	Fees.
Christiania	Henry Bordewich, Minn., C.	1,000
Gothenburg	Robt. S. S. Bergh, N. Dak., C.	1,500
Stockholm	Edw'd D. Winslow, Ill., C.G.	1,500
Switzerland.		
Aarau	Henry H. Morgan, La., C.	2,000
Basel	George Gifford, Me., C.	3,000
Berne	A. L. Frankenthal, Mass., C.	1,500
Geneva	Benj. H. Ridgely, Ky., C.	1,500
St. Gall	James T. DuBois, Pa., C. G.	3,000
Vevey	Wm. Cuènod, Switz., Agt.	....
Zurich	Adam Lieberknecht, Ill., C.	2,000
Tonga.		
Nukualofa	Luther W. Osborn, Neb., C.G.	....
Turkey and Dominions.		
Alexandretta	Wm. Ross Davis, Ohio, C.	1,500
Alexandria	James Hewat, Egypt, Agt.	....
Beirut, Syria	Gab. Bie Rayndal, S. Dak., C.	2,000
Cairo	John G. Long, Fla., C. G.	5,000
Constantinople	C. M. Dickinson, N.Y., C.G.	3,000
Damascus	Nasif Meshaka, Syria, Agt.	....
Erzeroum	Leo Bergholz, N. Y., C.	2,000
Jerusalem	Selah Merrill, Mass., C.	2,500
Port Said	Samuel G. Broadbent, Agt.	....
Salonica	P. H. Lazzaro, Agt.	....
Smyrna	Rufus W. Lane, Ohio, C.	2,500
Suez	Alfred W. Hayden, Agt.	....
Trezibond	H. Z. Longworth, Agt.	....
Tripoli	Ira Harris, Agt.	....
Uruguay.		
Colonia	Benj. D. Manton, R. I., C.	Fees.
Montevideo	Albert W. Swalm, Iowa, C.	3,000
Venezuela.		
Caracas	Fred'k De Sola, U. S., Agt.	....
La Guayra	Louis Goldschmidt, N.H., C.	1,500
Maracaibo	E. H. Plumacher, Tenn., C.	2,000
Puerto Cabello	Luther T. Ellsworth, Ohio, C.	1,500
Zanzibar.		
Zanzibar	Robert E. Mansfield, Ind., C.	2,000

Foreign Legations in the United States.

COUNTRY.	REPRESENTATIVES.	RANK.
Argentine Rep.	Dr. Eduardo Wilde	Envoy Extraordinary & Minister Plenipotentiary
"	Señor Antonio del Viso	First Secretary of Legation.
Austria-Hungary	Mr. L. Hengelmüller von Hengervar	Envoy Extraordinary & Minister Plenipotentiary
"	Baron Louis A. de Seden	Attaché.
Belgium	Count G. de Lichtervelde	Envoy Extraordinary & Minister Plenipotentiary
"	M. Georges Allart	Counselor of Legation.
Bolivia	Señor Luis Paz	Envoy Extraordinary & Minister Plenipotentiary
Brazil	Senhor J. F. de Assis Brasil	Envoy Extraordinary & Minister Plenipotentiary
"	Senhor Manoel de Oliveira Lima	First Secretary of Legation.
Chile	Señor Don Carlos M. Vicuna	Envoy Extraordinary & Minister Plenipotentiary
"	Señor Don Eliodoro Infante	First Secretary.
"	Señor Don Manuel Balmaceda	Second Secretary.
China	Mr. Wu Ting-fang	Envoy Extraordinary & Minister Plenipotentiary
"	Mr. Shen Tung	First Secretary of Legation.
"	Mr. Chow Tsz-chi	Second Secretary of Legation.
"	Mr. Chwang Hai-Kwan	Second Secrerary of Legation.
Colombia	Señor Don Climeaco Calderon	Envoy Extraordinary & Minister Plenipotentiary
"	Señor Don L. Cuervo Marquez	Sec. of Legation and Chargé d' Affaires *ad interim*
Costa Rica	Señor Don Joaquin Barnardo Calvo	Minister Resident.
Denmark	Mr. Constantine Brun	Envoy Extraordinary & Minister Plenipotentiary
Dominican Rep.	Señor A. Wos y Gil	Chargé d' Affaires.
Ecuador	Señor Don Luis F. Carbo	Envoy Extraordinary & Minister Plenipotentiary
France	M. Jules Cambon	Ambassador Extraordinary and Plenipotentiary
"	M. Eugene Thiébaut	First Secretary and Chargé d' Affaires *ad interim*
"	M. Olivier Taigny	Second Secretary.
"	Capt. P. Vignal	Military Attaché.
"	M. Jules Boeufvé	Chancellor.
German Empire	Herr von Holleben	Ambassador Extraordinary and Plenipotentiary
"	Freiherr Speck von Sternburg	Counselor of Legation.
"	Count von Hacke	Second Secretary.
"	Dr. Von Bohlen und Halbach	Second Secretary.
"	Baron Beno von Herman	Attaché.
Great Britain	Sir J. Pauncefote, G. C. B., G.C.M.G.	Ambassador Extraordinary and Plenipotentiary
"	Mr. Gerard A. Lowther	First Secretary of Embassy.
"	Mr. Reginald Tower	Second Secretary.
"	Mr. W. G. Max-Muller	Second Secretary of Embassy.
"	Mr. C. N. E. Eliot, C. B.	Second Secretary of Embassy.
"	Capt. Charles L. Ottley, R. N.	Naval Attaché.
"	Lieut.-Col. A. H. Lee	Military Attaché.
Guatemala	Señor Don Antonio Lazo Arriaga	Envoy Extraordinary & Minister Plenipotentiary
"	Dr. Don Joaquim Yela	Secretary of Legation.
Hayti	Mr. J. N. Léger	Envoy Extraordinary & Minister Plenipotentiary
Italy	Baron de Fava	Ambassador Extraordinary and Plenipotentiary
"	Count Vinci	First Sec. of Embassy & Chargé d' Affaires *ad int.*
"	Signor Camilio Romano	Second Secretary of Embassy.
"	Duke Gaetano C. Caracciolo	Attaché.
Japan	Mr. Jutaro Komura	Envoy Extraordinary & Minister Plenipotentiary
"	Mr. Tsune Jiro Nakagawa	First Secretary.
"	Mr. Durham White Stevens	Counselor of Legation.
"	Mr. Mitsunjo Funakoshi	Third Secretary.
Korea	Mr. Chin Pom Ye	Envoy Extraordinary & Minister Plenipotentiary
"	Mr. Tam E. Ye	Secretary of Legation.
Mexico	Señor Manuel Azpiroz	Ambassador Extraordinary and Plenipotentiary
"	Señor Don José F. Godoy	First Secretary of Legation.
"	Señor Don Enrique Santibañez	Second Secretary.
"	Señor Don Rodrigo de Azpiroz	Third Secretary.
Netherlands	Baron W. A. T. Gevers	Envoy Extraordinary & Minister Plenipotentiary
Portugal	Viscount de Santo-Thyrso	Envoy Extraordinary & Minister Plenipotentiary
Russia	Comte Cassini	Ambassador Extraordinary and Plenipotentiary
"	Mr. de Wollant	First Sec. of Legation & Chargé d' Affaires *ad int.*
"	Mr. Alexander Zelenoy	Second Secretary.
"	Baron Fersen	Military and Naval Agent.
"	Mr. M. Routkowsky	Financial Attaché.
Siam	Phya Prasiddhi	Envoy Extraordinary & Minister Plenipotentiary
"	Mr. Frederick W. Verney	Counselor of Legation.
Spain	Duke of Arcos	Envoy Extraordinary & Minister Plenipotentiary
"	Señor Don Juan Riaro	First Secretary of Legation.
"	Señor Don Luis Pastor	Second Secretary of Legation.
Sweden & Norway	Mr. J. A. W. Grip	Envoy Extraordinary & Minister Plenipotentiary
"	Mr. G. V. T. de Strale	Secretary of Legation.
Switzerland	Mr. J. B. Pioda	Envoy Extraordinary & Minister Plenipotentiary
"	Mr. Walter Deucher	Sec. of Legation and Chargé d' Affaires *ad interim*
Turkey	Ali Ferrough Bey	Envoy Extraordinary & Minister Plenipotentiary
"	A. Rustem Bey	First Sec. of Legation & Chargé d' Affaires *ad int.*
Venezuela	Gen. N. Bolet-Peraza	Minister Plenipotentiary.

Foreign Consuls in the United States.

(For Foreign Consuls in the City of New York consult Index.)

C. G., Consul-General; C., Consul; V. C., Vice-Consul; C. A., Consular Agent.

ARGENTINE REPUBLIC.

Ala., Mobile, Manuel S. Macias, C.
Cal., San Francisco, Wenceslao Loaiza, C.
Ga., Savannah, Andrés E. Moyuelo, V. C.
Ill., Chicago, P. L. Hudson, C.
La., New Orleans, Juan O. Bigelow, C.
Me., Bangor, J. Swett Rowe, C.
Md., Baltimore, Federico E. Muller, C.
Mass., Boston, Guillermo McKissock, C.
Pa., Philadelphia, Guillermo P. Wilson, C.
Va., Norfolk, Guillermo Klyver, V. C.

AUSTRIA-HUNGARY.

Ala., Mobile, W. F. Stoutz, C.
Cal., San Francisco, Francis Korbel, C.
Fla., Pensacola, H. Baars, V. C.
Ga., Savannah, Edward Karow, V. C.
Ill., Chicago, Maximilianus a Proskowetz, C.
La., New Orleans, Franz Hindermann, C.
Md., Baltimore, Ch. A. Martin, C.
Mass., Boston, Arthur Donner, C.
Mo., St. Louis, Ferdinand Diehm, C.
Pa., Philadelphia, Alfred J. Ostheimer, C.
Pa., Pittsburgh, Thomas Dessewffy, C.
S. C., Charleston, Charles Witte, V. C.
Tex., Galveston, John Reymershoffer, V. C.
Wis., Milwaukee, Anton G. Veith, V. C.

BELGIUM.

Ala., Mobile, Robert B. du Mont, C.
Cal., San Francisco, Leon Guislain, C.
Col., Denver, J. Mignolet, C.
Ga., Atlanta, Laurent de Give, C.
Ga., Savannah, Leopold Charrier, C.
Ill., Chicago, Ch. Henrotin, C.
Ky., Louisville, E. Girard, C.
La., New Orleans, A. J. Landauer, C.
Md., Baltimore, Arnold Kummer, C.
Mass., Boston, E. S. Mansfield, C.
Mich., Detroit, Théophile François, C.
Pa., Philadelphia, Paul Hagemans, C. G.
S. C., Charleston, E. Wells, C.
Va., Richmond, W. O. Nolting, C.

BOLIVIA.

Cal., San Francisco, Belisario Melo, C.
Mass., Boston, W. H. Bowdlear, C.
Pa., Philadelphia, Wilfred H. Schoff, Hon. C.

BRAZIL.

La., New Orleans, Charles Dittman, V. C.
Md., Baltimore, Antonio C. de Magalhães, V. C.
Mo., St. Louis, Affonso de Figueiredo, V. C.
Pa., Philadelphia, John Mason, Jr., V. C.
S. C., Charleston, Charles F. Huchet, V. C.

CHILE.

Cal., San Francisco, Juan M. Astorga Pereira, C.
Ill., Chicago, M. J. Steffens, V. C.
La., New Orleans, James S. Zacharie, C.
Md., Baltimore, R. G. Leupold, C.
Mass., Boston, Horacio N. Fisher, C.
Pa., Philadelphia, W. P. Wilson, C.

CHINA.

Cal., San Francisco, Ho Yow, C. G.
Cuba, Havana, Chang Yin-tung, C. G.
Hawaiian Islands, Honolulu, Yang Wei-pin, C. G.
Philippines, Manila, Li Lung-yew, C. G.

COLOMBIA.

Ill., Chicago, Erskine M. Phelps, C.
Mo., St. Louis, J. Arbuckle, C.

COSTA RICA.

Cal., San Francisco, Rafael Gallegos, C. G.
Ill., Chicago, Berthold Singer, C.
La., New Orleans, Lamar C. Quintero, C. G.
Md., Baltimore, William A. Riordan, C.
Mass., Boston, Joseph J. Corbett, C.
Pa., Philadelphia, Gustavo Niederlein, C.

DENMARK.

Ala., Mobile, W. H. Leinkauf, V. C.
Cal., San Francisco, H. H. Birkholm, C.
Cuba, Havana, Thorwald Christiansen Culmell, C.
Ga., Savannah, J. B. Holst, V. C.
Ill., Chicago, Christian H. Hansson, C.
Kan., Kansas City, Jep Hansen Mailand, V. C.
Ky., Louisville, Charles E. Currie, C.
La., New Orleans, Dr. O. R. Lanng, C.
Md., Baltimore, Morris Whitridge, V. C.
Mass., Boston, Gustaf Lundberg, C.
Mich., Detroit, Peter Sörensen, V. C.
Minn., Rush City, F. Sneedorff Christensen, V. C.
Mo., St. Louis, Christian Hedegaard, V. C.
O., Cleveland, William Secher, V. C.
Ore., Portland, Börge Kringelbach, V. C.

DOMINICAN REPUBLIC.

Fla., Jacksonville, Diego M. de Moya, V. C.
Mass., Boston, Edwin M. Fowle, C. A.
Pa., Philadelphia, Thomas B. Wanamaker, C.
Porto Rico, San Juan, Washington Lithgow, C. G.

ECUADOR.

Cal., San Francisco, Luis F. Lastreto, C.
Ill., Chicago, Luis Millet, C.
Mass., Boston, Gustavo Preston, C.
Pa., Philadelphia, Cassius A. Green, C.

FRANCE.

Ala., Mobile, Jean Marquès, C. A.
Cal., San Francisco, Adolphe Aimé Louis Gabriel Denis de Trobriand, C.
Ga., Savannah, F. Chastanet, V. C.
Hawaiian Islands, Honolulu, Joseph Pollio, C.
Ill., Chicago, Henri Antoine Joseph Mérou, C.
Ky., Louisville, Michel Hermann, C. A.
La., New Orleans, Adrien C. Laurent-Cochelet, C
Me., Portland, Ernest de Beaufort Le Prohon, C. A.
Md., Baltimore, Léonce Rabillon, C. A.
Mass., Boston, Duncan Bailly Blanchard, C. A.
Mich., Detroit, Joseph Belanger, C. A.
Minn., St. Paul, François Célestin Boucher, C. A.
Mo., St. Louis, Louis Seguenot, C. A.
O., Cincinnati, Auguste L. A. Fredin, C. A.
Ore., Portland, Charles Henri Labbé, C. A.
Pa., Philadelphia, Edouard Pesoli, C.
Tex., Galveston, James Alexandre Dupas, V. C.
Wash., Seattle, Adrien Monod, C. A.

GERMANY.

Ala., Mobile, E. Holzborn, C.
Cal., San Francisco, Adolph Rosenthal, C. G.
Cal., San Francisco, Oswald Lohan, V. C.
Cuba, Cienfuegos, Frederick W. Hunicke, V. C.
Cuba, Havana, August von Brück, C.
Cuba, Santiago, C. William Schumann, C.
D. C., Washington, Gustave Dittmar, C. A.
Ga., Savannah, Jacob Rauers, C.
Hawaiian Islands, Honolulu, J. F. Hackfeld, C.
Ill., Chicago, Karl Bünz, C.
La., New Orleans, E. von Meysenbug, C
Md., Baltimore, Georg A. von Lingen, C.
Mass., Boston, Arthur J. Donner, C.
Mo., St. Louis, Karl Fromman, C.
N. C., Wilmington, George L. Peschau, C.
O., Cincinnati, Karl Pollier, C.
Ore., Portland, Carl von Wintzingerode, C.
Pa., Philadelphia, Mr. Marheinecke, C.
S. C., Charleston, Charles Otto Witte, C.
Tex., Galveston, Julius Runge, C.
Va., Richmond, Adolph Osterloh, C.
Wash., Tacoma, Hans Giese, C.

GREAT BRITAIN.

Ala., Mobile, Arthur Shirley Benn, V. C.
Cal., San Francisco, Wm. Clayton Pickersgill, C.G.
Cuba, Havana, L. E. G. Carden, C. G.
Fla., Jacksonville, Edward Sudlow, V. C.
Ga., Savannah, Alexander Harkness, V. C.
Hawaiian Islands, Honolulu, William R. Hoare, C.
Ill., Chicago, William Wyndham, C.
La., New Orleans, Arthur Vansittart, C.
Me., Portland, John Bernard Keating, V. C.
Md., Baltimore, Gilbert Fraser, C.
Minn., St. Paul, Edward H. Morphy, V. C.
Mo., St. Louis, Western Bascome, V. C.
Neb., Omaha, Mathew Alexander Hall, V. C.
Ore., Portland, James Laidlaw, C.
Pa., Philadelphia, Wilfred Powell, C.
Philippines, Manila, S. H. Harford, C.
Philippines, Cebu, J. N. Sidebottom, V. C.
Porto Rico, San Juan, Wm. B. Churchwood, C.
R. I., Providence, George A. Stockwell, V. C.
S. C., Charleston, H. W. Russell de Coëtologon, C.
Tex., Galveston, Horace Dickinson Nugent, C.

FOREIGN CONSULS IN THE UNITED STATES—*Continued.*

Va., Richmond, Philip Arthur Sherard Brine, V. C.
Wash., Seattle, Bernard Pelly, V. C.

GREECE.

Cal., San Francisco, Auguste Goustiaux, C.
Ill., Chicago, Charles Hutchinson, C. G.
Mass., Boston, Demosthenes Th. Timayenis, C.

GUATEMALA.

Cal., San Francisco, Felipe Galicia, C. G.
Ill., Chicago, George F. Stone, Hon. C.
Mass., Boston, Benjamin Preston Clark, Hon. C.
Mo., St. Louis, L. D. Kingsland, Hon. C. G.

HAYTI.

Ala., Mobile, Jean Marquès, V. C.
Ga., Savannah, T. B. Harris, V. C.
Ill., Chicago, Cuthbert Singleton, C.

HONDURAS.

Cal., San Francisco, Eustorgio Calderón, C. G.
Ill., Chicago, George F. Stone, C. G.
La., New Orleans, Mónico Córdova, C. G.
Md., Baltimore, C. Morton Stewart, Jr., C. G.

ITALY.

Cal., San Francisco, Francesco B. Grimaldi, C. G.
Cuba, Havana, Biagio Torrieli, C.
D. C., Washington, Carlo Filippo Eysmans, V. C.
Hawaiian Islands, Honolulu, F. A. Schaefer, C.
Ill., Chicago, Antonio Ladislao Rozwadowski, C.
Ky., Louisville, Giuseppe Cuneo, C. A.
La., New Orleans, Carlo Magenta, C.
Md., Baltimore, Prospero Schiaffino, C. A.
Mass., Boston, Rocco Brindisi, C. A.
Mo., St. Louis, Domenico Ginocchio, C. A.
Pa., Philadelphia, Angelo dall' Aste Brandolini, V. C.
Pa., Pittsburgh, Giuseppe Natali, C. A.
S. C., Charleston, Giovanni Sottile, C. A.
Va., Richmond, Armin Pollak, C. A.

JAPAN.

Cal., San Francisco, Mutsu Hirokichi, C.
Hawaiian Islands, Honolulu, Saitow Miki, C.
Ill., Chicago, Fujita Toshiro, C.
La., New Orleans, John Walker Phillips, Hon. C.
Pa., Philadelphia, Alfred J. Ostheimer, C.
Tex., Galveston, Robert Bornefeld, C.
Wash., Tacoma, Hayashi Sotokichi, C.

LIBERIA.

D. C., Washington, H. M. Turner, C.
Mass., Boston, Charles Hall Adams, C. G.
Pa., Philadelphia, Thomas J. Hunt, V. C.

MEXICO.

Cal., San Francisco, Alejandro K. Coney, C. G.
Ill., Chicago, Felipe Berriozábal, C.
La., New Orleans, Anselmo de la Portilla, C.
Md., Baltimore, José V. Dosal, C.
Mass., Boston, Arturo P. Cushing, C.
Mo., St. Louis, Rafael P. Serrano, C.
Pa., Philadelphia, Ernesto Subikurski, C.
Tex., Galveston, Enrique C. Llorente, C.

NETHERLANDS.

Cal., San Francisco, P. J. van Löben Sels, C.
Cuba, Havana, C. Arnoldson, C.
Ill., Chicago, G. Birkhoff, Jr., C.
La., New Orleans, A. Schreiber, C.
Md., Baltimore, Claas Vocke, C.
Mass., Boston, C. V. Dasey, C.
Mo., St. Louis, B. B. Haagsma, C.
O., Cincinnati, F. Matt, C.
Pa., Philadelphia, Arnold Katz, V. C.

NICARAGUA.

Cal., San Francisco, Luis F. Lastreto, C.
Ill., Chicago, George F. Stone, C. G.
La., New Orleans, Mónico Córdova, C. G.
Pa., Philadelphia, C. A. Green, C.
Tex., Galveston, A. Ferrier, C.

PARAGUAY.

Cal., San Francisco, Petrus Justus van Löben Sels, C.
D. C., Washington, John Stewart, C. G.

PERU.

Cal., San Francisco, Enrique Grau, C.
D. C., Washington, Clifford Stevens Walton, C.
Ill., Chicago, Charles H. Sergel, C.
Mass., Boston, Mateo Crosby, C.
Pa., Philadelphia, Wilfredo H. Schoff, Hon. C.

PORTUGAL.

Cal., San Francisco, Ignacio R. da Costa Duarte, C.
Cuba, Havana, Manuel Gomez le Aranjo Barros, C.
Ill., Chicago, S. Chapman Simms, V. C.
La., New Orleans, Maurice Generelly, V. C.
Mass., Boston, Viscount de Valle da Costa, C.
Pa., Philadelphia, John Mason, Jr., V. C.

RUSSIA.

Cal., San Francisco, Wladimir Artzimovitch, C.
Ill., Chicago, Albert Schleppenbach, C.
La., New Orleans, R. H. Nestler, V. C.
Md., Baltimore, Charles Nitze, V. C.
Mass., Boston, Charles F. Wyman, V. C.
Pa., Philadelphia, William R. Tucker, V. C.
S. C., Charleston, Stephen R. Bell, V. C.

SALVADOR.

Cal., San Francisco, Eucarnacion Mejia, C. G.

SPAIN.

Cuba, Cienfuegos, Eduardo Alvarez y Gonzales, C.
Cuba, Havana, José Felipe Sagiario, C. G.
Cuba, Santiago, Joaquin Pereyea y Ferrau, C.
La., New Orleans, Pedro Solis y Arias, C.
Philippines, Manila, Luis Marinas y Lavaggi, C. G.
Porto Rico, San Juan, Celestino M. y Guivelalde, C.

SWEDEN AND NORWAY.

Cal., San Francisco, Knud H. Lund, C.
Ill., Chicago, J. R. Lindgren, V. C.
La., New Orleans, Pearl Wight, V. C.
Mass., Boston, Gjert Loots, V. C.
Minn., St. Paul, Engelbreth H. Hobe, V. C.
Mo., St. Louis, Alf. Alfred Essendrup, V. C.
Neb., Omaha, Emric M. Stenberg, V. C.
Pa., Philadelphia, J. N. Wallem, V. C.
S. C., Charleston, Carl Otto Witte, V. C.

SWITZERLAND.

Cal., San Francisco, Antoine Borel, C.
Ill., Chicago, Arnold Holinger, C.
Mo., St. Louis, Jacques Buff, C.
Pa., Philadelphia, R. Korradi, C.

TURKEY.

Cal., San Francisco, George E. Hall, C. G.
D. C., Washington, Dr. Schoenfeld, C. G.
Ill., Chicago, Charles Henrotin, C. G.
Mass., Boston, Mr. Macomber, Hon. C. G.

URUGUAY.

Ill., Chicago, Carlos C. Turner, C.
Mass., Boston, Arthur Carroll, V. C.
Pa., Philadelphia, Eduardo Fornias, C.

VENEZUELA.

Ill., Chicago, R. P. Gormully, Hon. C.
La., New Orleans, Alejandro Frias C.
O., Cincinnati, Paul T. Walker, Hon. C.
Pa., Philadelphia, Regulo Lopez Baralt, C.

RATIO OF REPRESENTATION IN THE UNITED STATES HOUSE OF REPRESENTATIVES.

From 1789	to 1793	as provided by the United States Constitution					30,000
" 1793	" 1803	based on the United States Census of				1790	33,000
" 1803	" 1813	" " "	"			1800	33,000
" 1813	" 1823	" " "	"			1810	35,000
" 1823	" 1833	" " "	"			1820	40,000
" 1833	" 1843	" " "	"			1830	47,700
" 1843	" 1853	" " "	"			1840	70,680
" 1853	" 1863	" " "	"			1850	93,420
" 1863	" 1873	" " "	"			1860	127,381
" 1873	" 1883	" " "	"			1870	131,425
" 1883	" 1893	" " "	"			1880	151,912
" 1893	" 1903	" " "	"			1890	173,901

Party Divisions

IN THE HOUSE OF REPRESENTATIVES, 55TH AND 56TH CONGRESSES.

States.	Fifty-fifth Congress.*			Fifty-sixth Congress.			States.	Fifty-fifth Congress.*			Fifty-sixth Congress.		
	Dem.	Rep.	Pop.	Dem.	Rep.	Pop.		Dem.	Rep.	Pop.	Dem.	Rep.	Pop.
Alabama	8	..	1	9	..	..	Nevada	..	..	1	..	..	1 ¶
Arkansas	6	..	..	6	..	..	New Hampshire	..	2	..	..	2	..
California	2	3	2	1	6	..	New Jersey	..	8	..	2	6	..
Colorado	..	..	2	..	..	2 ‖	New York	5	29	..	18	16	..
Connecticut	..	4	..	..	4	..	North Carolina	..	5	4	6	2	1
Delaware	1	..	..	..	1	..	North Dakota	..	1	..	..	1	..
Florida	2	..	..	2	..	..	Ohio	6	15	..	6	15	..
Georgia	11	..	..	11	..	..	Oregon	..	2	..	..	2	..
Idaho	1	..	..	..	..	1 ¶	Pennsylvania	3	27	..	10	20	..
Illinois	5	17	..	8	14	..	Rhode Island	..	2	..	..	2	..
Indiana	4	9	..	4	9	..	South Carolina	7	..	..	7	..	..
Iowa	..	11	..	..	11	..	South Dakota	1	..	1	..	2	..
Kansas	2	2	4	..	7	1	Tennessee	8	2	..	8	2	..
Kentucky	7	4	..	9	2	..	Texas	12	1	..	12	1	..
Louisiana	6	..	..	6	..	..	Utah	1	..	..	1	..	..
Maine	..	4	..	..	4	..	Vermont	..	2	..	..	2	..
Maryland	..	6	..	2	4	..	Virginia	8	2	..	10	..	..
Massachusetts	1	12	..	3	10	..	Washington	2	..	..	..	2	..
Michigan	2	10	..	..	12	..	West Virginia	..	4	..	1	3	..
Minnesota	..	7	..	..	7	..	Wisconsin	..	10	..	..	10	..
Mississippi	7	..	..	7	..	..	Wyoming	1	..	..	..	1	..
Missouri	12	3	..	12	3	..							
Montana	..	..	1	1	..	..	Total	134†	206	16‡	163	185	9**
Nebraska	4	2	..	1	2	3							

* As constituted at the beginning of the first session. † Including 15 members classed as Fusionists. ‡ Including 3 members classed as Silver party. ‖ Colorado, one Populist, one Silver party. ¶ The Idaho and Nevada Representatives are classed as Silver party. ** Six Populists, 3 Silver party.

PARTY DIVISIONS IN CONGRESS SINCE THE FORMATION OF THE REPUBLICAN PARTY IN 1856.

Congresses.	Years.	Senate.					House of Representatives.				
		Dem.	Rep.	Amer.	Union.	Ind.	Dem.	Rep.	Amer.	Union.	Ind
XXXV	1857-1859	39	20	5	..	..	131	92	14	..	..
XXXVI	1859-1861	38	26	2	..	..	101	113	23	..	..
XXXVII	1861-1863*	10	31	..	2	..	42	106	..	28	..
XXXVIII	1863-1865*	9	36	..	5	..	75	102	..	..	9
XXXIX	1865-1867	11	41	..	..	..	40	145	..	..	..
XL	1867-1869	11	42	..	..	..	49	143	..	..	..
XLI	1869-1871	11	58	..	..	..	78	151	..	..	..
XLII	1871-1873	17	57	..	..	..	103	138	..	..	5 †
XLIII	1873-1875	20	47	..	..	7 †	92	194	..	..	14
XLIV	1875-1877	29	43	..	..	2 †	168	107	..	..	..
XLV	1877-1879	39	36	..	..	1 †	151	142	..	..	..
XLVI	1879-1881	44	32	..	..	..	148	129	..	..	16 ‡
XLVII	1881-1883	38	37	..	..	1 §	138	146	..	..	10 ‡
XLVIII	1883-1885	36	40‖	..	..	..	198	124	..	..	1 ‡
XLIX	1885-1887	34	42	..	..	..	204	120	..	..	1 ‡
L	1887-1889	37	39	..	..	..	168	153	..	..	4
LI	1889-1891	37	39	..	..	..	159	166	..	..	..
LII	1891-1893	39	47	..	..	2 ¶	236	88	..	..	8 ¶
LIII**	1893-1895	44	38	..	..	3 ¶	220	126	..	..	8 ¶
LIV	1895-1897	39	42	..	..	5 ¶	104	246	..	..	7 ¶
LV	1897-1899	34	46	..	..	10‡‡	134§§	206	..	..	16¶¶
LVI	1899-1901	26	53	..	..	11 ¶¶¶	163	185	..	..	9‡‡‡

Parties as constituted at the beginning of each Congress are given. These figures were liable to change by contests for seats, etc.

* During the Civil War most of the Southern States were unrepresented in Congress.

† Liberal Republicans.

‡ Greenbackers.

§ David Davis, Independent, of Illinois.

‖ Two Virginia Senators were Readjusters, and voted with the Republicans.

¶ People's party, except that in the House of Representatives of the Fifty-fourth Congress one member is classed as Silver party.

** Three Senate seats were vacant (and continued so) and two Representative seats were unfilled (Rhode Island had not yet effected a choice) when the session began. Rhode Island subsequently elected two Republicans.

‡‡ Five Populists, two Silver party, three Independents. §§ Including fifteen members classed as Fusionists. ¶¶ Including three members classed as Silver party. There was one vacancy.

‡‡‡ Six Populists, three Silver party.

¶¶¶ Five Populists, one Silver party, two Independents, and three vacancies, two of which will probably be filled by Republicans, and one by a Democrat.

The Fifty-sixth Congress.

BEGAN MARCH 1899, AND ENDS MARCH 4, 1901

SENATE.

President pro tempore.....William P. Frye, Rep., of Maine.
Secretary.....Charles G. Bennett, Rep , of New York.

Terms Expire.	Senators.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	College.	Year of Graduation.	Present Vocation.
	ALABAMA.							
1901	John T. Morgan†	D.	Selma	Tennessee	1824			Lawyer
1903	Edm'd W. Pettust.	D.	Selma	Alabama	1821	Clinton		Lawyer
	ARKANSAS.							
1901	James H. Berry†	D.	Bentonville	Alabama	1841			Lawyer
1903	James K. Jones†	D.	Washington	Mississippi	1839			Lawyer
	CALIFORNIA.							
1903	George C. Perkins	R.	Oakland	Maine	1839			Merchant
1905	A Republican							
	COLORADO.							
1901	Edw. O. Wolcott‡	R.	Denver	Massachusetts	1848	Harvard Law School	1871	Lawyer
1903	Henry M. Teller	I.	Central City	New York	1830	Alfred University		Lawyer
	CONNECTICUT.							
1903	Orville H. Platt	R.	Meriden	Connecticut	1827			Lawyer
1905	Joseph R. Hawley‡	R.	Hartford	North Carolina	1826	Hamilton	1847	Journalist
	DELAWARE.							
1901	Richard R. Kenney	D.	Dover	Delaware	1856			Lawyer
1905	A Republican							
	FLORIDA.							
1903	Steph. R. Mallory†	D.	Pensacola	South Carolina	1848	Georgetown, D. C.	1869	Lawyer
1905	J. P. Taliaferro†	D.	Jacksonville	Virginia	1847			Bank Pres.
	GEORGIA.							
1901	Augustus O. Bacon†	D.	Macon	Georgia	1839	Univ. of Georgia	1859	Lawyer
1903	Alexander S. Clay	D.	Marietta	Georgia	1853	Hiwassee (Pa.)	1875	Lawyer
	IDAHO.							
1901	George L. Shoup‡	R.	Salmon City	Pennsylvania	1836			Public Official
1903	Henry Heitfeld	P.	Lewiston	Missouri	1859			Farmer
	ILLINOIS.							
1901	Shelby M. Cullom	R.	Springfield	Kentucky	1829	Rock River	1853	Lawyer
1903	William E. Mason	R.	Chicago	New York	1850	Birmingham, Ia.		Lawyer
	INDIANA.							
1903	Chas. W. Fairbanks	R.	Indianapolis	Ohio	1852	Ohio Wesleyan	1872	Lawyer
1905	Albert J. Beveridge	R.	Indianapolis	Ohio	1862	De Pauw University		Lawyer
	IOWA.							
1901	John H. Gear	R.	Burlington	New York	1825			Public Official
1903	William B. Allison	R.	Dubuque	Ohio	1829	Western Reserve		Lawyer
	KANSAS.							
1901	Lucien Baker	R.	Leavenworth	Ohio	1847			Lawyer
1903	William A. Harris†	P.	Linwood	Virginia	1841	Columbian	1859	Farmer
	KENTUCKY.							
1901	William Lindsay†	D.	Frankfort	Virginia	1835			Lawyer
1903	William J. Deboe	R.	Marion	Kentucky	1849	Ewing	1875	Lawyer
	LOUISIANA.							
1901	Donelson Caffery†	D.	Franklin	Louisiana	1835	St. Mary's, Md.		Lawyer
1903	Sam. D. McEnery†	D.	New Orleans	Louisiana	1837	Univ. of Virginia		Lawyer
	MAINE.							
1901	William P. Frye	R.	Lewiston	Maine	1831	Bowdoin	1850	Lawyer
1905	Eugene Hale	R.	Ellsworth	Maine	1836			Lawyer
	MARYLAND.							
1903	Geo. L. Wellington	R.	Cumberland	Maryland	1852			Railway Pres
1905	Louis E. McComas	R.	Williamsport	Maryland	1846	Dickinson	1866	Lawyer
	MASSACHUSETTS.							
1901	George F. Hoar	R.	Worcester	Massachusetts	1826	Harvard	1846	Lawyer
1905	Henry C. Lodge	R.	Nahant	Massachusetts	1850	Harvard	1871	Literature
	MICHIGAN.							
1901	James McMillan	R.	Detroit	Canada	1838			Manufacturer
1905	Julius C. Burrows‡	R.	Kalamazoo	Pennsylvania	1837			Lawyer
	MINNESOTA.							
1901	Knute Nelson‡	R.	Alexandria	Norway	1843			Lawyer
1905	Cushman K. Davis‡	R.	St. Paul	New York	1838	Univ. of Michigan	1857	Lawyer
	MISSISSIPPI.							
	Wm. V. Sullivan*	D.	Oxford	Mississippi	1850	Vanderbilt	1875	Lawyer
1905	H. D. Money†	D.	Carrollton	Mississippi	1839	Univ. of Mississippi	1860	Lawyer
	MISSOURI.							
1903	George G. Vest†	D.	Sweet Springs	Kentucky	1830	Centre (Ky.)	1848	Lawyer
1905	F. M. Cockrell†	D.	Warrensburg	Missouri	1834	Chapel Hill (Mo.)	1853	Lawyer
	MONTANA.							
1901	Thomas H. Carter	R.	Helena	Ohio	1854			Lawyer
1905	Wm. A. Clark	D.	Butte	Pennsylvania	1839	Iowa Wesleyan Univ.		Mining
	NEBRASKA.							
1901	John M. Thurston	R.	Omaha	Vermont	1847	Wayland Univ. (Wis.		Lawyer
1905	Wm. V. Allen‡ (c)	P.	Madison	Ohio	1847	Upper Iowa Univ.		Lawyer

SENATE—*Continued.*

Terms Expire.	Senators.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	College.	Year of Graduation.	Present Vocation.
	NEVADA.							
1903	John P. Jones	S.	Gold Hill	England	1830			Miner
1905	Wm. M. Stewart	I.	Carson City	New York	1827	Yale (2 years)		Lawyer
	NEW HAMPSHIRE.							
1901	Wm. E. Chandler	R.	Concord	N. Hampshire	1835			Lawyer
1903	Jacob H. Gallinger	R.	Concord	Canada	1837	Dartmouth, Medicine.	1879	Public Official
	NEW JERSEY.							
1901	William J. Sewell ‡	R.	Camden	Ireland	1835			Railroad Pres.
1905	John Kean	R.	Elizabeth	New Jersey	1852	Yale	1876	Farmer
	NEW YORK.							
1903	Thomas C. Platt	R.	New York	New York	1833	Yale		President U.S Express Co.
1905	C. M. Depew‡	R.	New York	New York	1834	Yale	1856	Lawyer (*a*)
	N. CAROLINA.							
1901	Marion Butler	P.	Elliott	North Carolina	1863	Univ. of N. C.	1885	Journalist
1903	Jeter C. Pritchard	R.	Marshall	Tennessee	1857			Lawyer
	NORTH DAKOTA.							
1903	H. C. Hansbrough	R.	Devil's Lake.	Illinois	1848			Journalist
1905	P. J. McCumber	R.	Wahpeton	Illinois	1856	Univ. Michigan	1880	Lawyer
	OHIO.							
1903	Joseph B. Foraker†	R.	Cincinnati	Ohio	1846	Cornell Univ.	1869	Lawyer
1905	Marcus A. Hanna ‡	R.	Cleveland.	Ohio	1837			Coal and Iron
	OREGON.							
1901	Geo. W. McBride	R.	St. Helen	Oregon	1854	Christian (Ore.)		Lawyer
1903	Joseph Simon	R.	Portland	Germany	1851			Lawyer
	PENNSYLVANIA.							
1903	Boies Penrose	R.	Philadelphia.	Pennsylvania	1860	Harvard	1881	Lawyer
1905	Mat. S. Quay‡ (*b*)	R.	Beaver	Pennsylvania	1833	Jefferson	1850	Lawyer
	RHODE ISLAND.							
1901	Geo. P. Wetmore	R.	Newport	England	1846	Yale	1867	Lawyer
1905	Nelson W. Aldrich.	R.	Providence	Rhode Island	1841			Merchant
	S. CAROLINA.							
1901	Benj. R. Tillman	D.	Trenton	South Carolina.	1847			Farmer
1903	John L. McLaurin	D.	Bennettsville	South Carolina.	1860	Univ. Virginia	1882	Lawyer
	SOUTH DAKOTA.							
1901	Rich'd F. Pettigrew	R.	Sioux Falls	Vermont	1848	Univ. of Wisconsin	1878	Lawyer
1903	James H. Kyle	R.	Aberdeen	Ohio	1854	Oberlin	1878	Public Official
	TENNESSEE.							
1901	Thos. B. Turley†	D.	Memphis	Tennessee	1845	Univ. Virginia	1867	Lawyer
1905	William B. Bate†	D.	Nashville	Tennessee		Lebanon, Law	1852	Lawyer
	TEXAS.							
1901	Horace Chilton	D.	Tyler	Texas	1853			Lawyer
1905	C. A. Culberson	D.	Dallas	Alabama	1855	Virginia Mil. Inst	1874	Lawyer
	UTAH.							
1903	Joseph L. Rawlins.	D.	Salt Lake City	Utah	1850	Univ. Indiana		Lawyer
1905	A Democrat							
	VERMONT.							
1903	Jonathan Ross§	R.	St. Johnsbury	Vermont	1826	Dartmouth	1851	Lawyer
1905	Redfield Proctor‡	R.	Proctor	Vermont	1831	Dartmouth	1851	Retired
	VIRGINIA.							
1901	Thomas S. Martin†	D.	Scottsville	Virginia	1847	Univ. Virginia	1867	Lawyer
1905	John W. Daniel†	D.	Lynchburg	Virginia	1842	Univ. Va., Law.		Lawyer
	WASHINGTON.							
1903	George Turner	P.	Spokane	Missouri	1850			Lawyer
1905	Addison G. Foster.	R.	Tacoma	Massachusetts	1837			Lumber
	WEST VIRGINIA.							
1901	Stephen B. Elkins‡	R.	Elkins	Ohio	1841	Univ. Missouri	1860	Coal Mining
1905	Nathan B. Scott‡	R.	Wheeling	Ohio	1842			Manufacturer
	WISCONSIN.							
1903	John C. Spooner‡	R.	Madison	Indiana	1843	Univ. Wisconsin	1864	Lawyer
1905	Joseph V. Quarles.	R.	Milwaukee	Wisconsin	1843	Univ. Michigan	1866	Lawyer
	WYOMING.							
1901	Francis E. Warren‡	R.	Cheyenne	Massachusetts	1844			Stock Raiser
1905	Clarence D. Clark	R.	Evanston	New York	1851	Iowa State Univ.	1874	Lawyer

D., Democrats, 26; R., Republicans, 53; P., Populists, 5; I., Independents, 2; S., Silver Party, 1.

When ALMANAC went to press two Republicans were yet to be elected by the Legislatures of California and Delaware, and possibly Pennsylvania if the appointment of Mr. Quay by the Governor is not accepted by the Senate, and one Democrat by the Legislature of Utah.

* Temporary appointment by the Governor, vice E. C. Walthall, deceased. † Served in the Confederate Army during the Civil War. ‡ Served in the Union Army during the Civil War. § Appointed by the Governor to fill vacancy caused by death of Justin S. Morrill.

(*a*) Also Chairman Board of Directors of New York Central, Lake Shore, and Michigan Central Railroads. (*b*) Appointed by the Governor, but his admission to the Senate was not passed upon by that body when the ALMANAC went to press. (*c*) Appointed by the Governor to fill vacancy caused by death of M. L. Hayward.

VOCATIONS.—Lawyers, 60; merchants, 2; farmers, 4; manufacturers, 2; journalists, 3; miners, 2; railroad presidents, 2; president express company, 1; stock raiser, 1; bank president, 1; coal and iron, 1; coal mining, 1; lumber, 1; retired, 1; literature, 1; public officials, 4. Total, 87, with three Senator yet to be chosen when this list was compiled. The oldest Senator in years is Mr. Pettus, of Alabama, who is 78 the youngest, Marion Butler, of North Carolina, who is 36.

HOUSE OF REPRESENTATIVES.

Speaker.....David B. Henderson, Rep., of Iowa.
Clerk.....Alexander McDowell, Rep., of Pennsylvania.

District.	Representatives.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	Colleges.	Year of Graduation	Present Vocation.
	ALABAMA.							
1	George W. Taylor*	D.	Demopolis	Alabama	1849	Univ. S. Carolina	1867	Lawyer
2	Jesse F. Stallings*	D.	Greenville	Alabama	1857	Univ. of Alabama	1877	Lawyer
3	Henry D. Clayton *	D.	Eufaula	Alabama	1857	Univ. of Alabama	1878	Lawyer
4	Gaston A. Robbins**	D.	Selma	Alabama	1859	Univ. N. Carolina	1879	Lawyer
5	Willis Brewer*†	D.	Hayneville	Alabama	....	.....	....	Planter
6	J. H. Bankhead*†	D.	Fayette	Alabama	1842	.....	....	Farmer
7	John L. Burnett	D.	Gadsden	Alabama	1854	Vanderbilt Univ.	1875	Lawyer
8	Joseph Wheeler*§	D.	Wheeler	Georgia	1836	U. S. Mil. Acad.	1859	Not stated
9	O. W. Underwood*	D.	Birmingham	Kentucky	1862	Univ. of Virginia	1884	Lawyer
	ARKANSAS.							
1	P. D. McCulloch, Jr.*	D.	Marianna	Tennessee	1851	Andrew (Tenn.)	....	Lawyer
2	John S. Little*	D.	Greenwood	Arkansas	1852	Cone Hill (Ark.)	....	Lawyer
3	Thomas C. McRae*	D.	Prescott	Arkansas	1851	Wash. & Lee (Law	1872	Lawyer
4	William L. Terry*	D.	Little Rock	N. Carolina	1850	Trinity (N. C.)	1872	Lawyer
5	H. A. Dinsmore*	D.	Fayetteville	Arkansas	1850	.....	....	Lawyer
6	S. Brundidge, Jr.*	D.	Searcy	Arkansas	1857	.....	....	Lawyer
	CALIFORNIA.							
1	John A. Barham*	R.	Santa Rosa	Missouri	1844	Hesperian	....	Lawyer
2	Marion De Vries*	D.	Stockton	California	1865	Univ. of Michigan	1888	Lawyer
3	Victor H. Metcalf	R.	Oakland	New York	1834	Yale	1876	Lawyer
4	Julius Kahn	R.	San Francisco	Germany	1861	.....	....	Lawyer
5	Eugene F. Loud*‡	R.	San Francisco	Mass.	1847	.....	....	Not stated
6	Russell J. Waters	R.	Los Angeles	Vermont	1843	.....	....	Banker
7	James C. Needham	R.	Modesto	Nevada	1864	Univ. of Michigan	1889	Lawyer
	COLORADO.							
1	John F. Shafroth*	S.	Denver	Missouri	1854	Univ. of Michigan	1875	Lawyer
2	John C. Bell*	P.	Montrose	Tennessee	1851	.....	....	Lawyer
	CONNECTICUT.							
1	E. Stevens Henry*	R.	Rockville	Mass.	1836	.....	....	Farmer
2	N. D. Sperry*	R.	New Haven	Connecticut	1827	.....	.....	Contractor
3	Charles A. Russell*	R.	Killingly	Mass.	1862	Yale	1873	Manufacturer
4	Ebenezer J. Hill*	R.	Norwalk	Connecticut	1845	Yale	1865	V. P. Bank of Norwalk
	DELAWARE.							
	John H. Hoffecker‡	R.	Smyrna	Delaware	1827	.....	....	Merchant
	FLORIDA.							
1	S. M. Sparkman*†	D.	Tampa	Florida	1849	.....	....	Lawyer
2	Robt. W. Davis†	D.	Palatka	Georgia	1849	.....	....	Lawyer
	GEORGIA.							
1	Rufus E. Lester*†	D.	Savannah	Georgia	1837	Mercer Univ.	1857	Lawyer
2	James M. Griggs*	D.	Dawson	Georgia	1861	Peabody Normal.	1881	Lawyer
3	Elijah B. Lewis*	D.	Montezuma	Georgia	1854	.....	.....	Banker
4	Wm. C. Adamson*	D.	Carrollton	Georgia	1854	Bowdon	1874	Lawyer
5	L. F. Livingston*†	D.	Kings	Georgia	1832	.....	....	Farmer
6	Charles L. Bartlett*	D.	Macon	Georgia	1853	Un. Ga. '70; Un. Va	1872	Lawyer
7	John W. Maddox*†	D.	Rome	Georgia	1848	.....	....	Lawyer
8	Wm. M. Howard*	D.	Lexington	Louisiana	1857	Univ. of Georgia.	1877	Lawyer
9	Farish Carter Tate*	D.	Jasper	Georgia	1856	North Ga. Agri.	....	Lawyer
10	Wm. H. Fleming*	D.	Augusta	Georgia	1856	Univ. of Georgia.	1875	Lawyer
11	W. G. Brantley*	D.	Brunswick	Georgia	1860	Univ. of Georgia.	....	Lawyer
	IDAHO.							
	Edgar Wilson**	S.	Boisé City	Penna.	1861	Univ. of Michigan	1884	Lawyer
	ILLINOIS.							
1	James R. Mann*	R.	Chicago	Illinois	1856	Univ. of Illinois	1876	Lawyer
2	William Lorimer*	R.	Chicago	England	1861	.....	....	Manufacturer
3	Geo. P. Foster	D.	Chicago	New Jersey	1860	Union Col. of Law	1882	Lawyer
4	Thomas Cusack	D.	Chicago	Ireland	1852	.....	....	Adv. Signs
5	Edward T. Noonan	D.	Chicago	Illinois	1861	Univ. of Michigan	1883	Lawyer
6	Henry S. Boutell*	R.	Chicago	Mass.	1859	Harvard	1876	Lawyer
7	George E. Foss*	R.	Chicago	Vermont	1863	Harvard	1885	Lawyer
8	A. J. Hopkins*	R.	Aurora	Illinois	1846	Hillsdale	1870	Lawyer
9	Robert R. Hitt*	R.	Mount Morris	Ohio	1834	De Pauw Univ.	....	Not stated
10	George W. Prince*	R.	Galesburg	Illinois	1854	Knox	1878	Lawyer
11	Walter Reeves*	R.	Streator	Penna	1848	.....	....	Lawyer
12	Jos. G. Cannon*	R.	Danville	N. Carolina	1836	.....	....	Lawyer
13	Vespasian Warner*‡	R.	Clinton	Illinois	1842	Harvard (Law)	1868	Lawyer
14	Joseph V. Graff*	R.	Peoria	Indiana	1854	Wabash (1 year)	....	Lawyer
15	Benj. F. Marsh*‡	R.	Warsaw	Illinois	1839	Jubilee (Ill.)	....	Farmer
16	Wm. E. Williams	D.	Pittsfield	Illinois	1857	Illinois	1880	Lawyer
17	Ben F. Caldwell	D.	Chatham	Illinois	1848	.....	....	Farmer
18	Thomas M. Jett*	D.	Hillsboro	Illinois	1862	.....	....	Lawyer
19	Joseph B. Crowley	D.	Robinson	Ohio	1858	.....	....	Lawyer
20	J. R. Williams**	D.	Carmi	Illinois	1850	Indiana Univ.	1875	Lawyer
21	Wm. A. Rodenberg	R.	East St. Louis	Illinois	1865	Central Wesleyan	1884	Lawyer
22	George W. Smith*	R.	Murphysboro	Ohio	1846	McKendree	1868	Not stated

District.	Representatives.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	College.	Year of Graduation.	Present Vocation.
	INDIANA.							
1	James A. Hemenway*	R.	Boonville	Indiana	1860			Lawyer
2	Robert W. Miers*	D.	Bloomington	Indiana	1848	Indiana Univ	1870	Lawyer
3	William T. Zenor*	D.	Corydon	Indiana	1846			Lawyer
4	Francis M. Griffith*	D.	Vevay	Indiana	1849	Franklin		Lawyer
5	George W. Faris*	R.	Terre Haute	Indiana	1854	Asbury Univ	1877	Lawyer
6	James E. Watson**	R.	Rushville	Indiana	1864	De Pauw	1886	Lawyer
7	Jesse Overstreet*	R.	Indianapolis	Indiana	1859	Franklin	1882	Lawyer
8	George W. Cromer	R.	Muncie	Indiana	1856	Indiana Univ	1882	Lawyer
9	Charles B. Landis*	R.	Delphi	Ohio	1858	Wabash	1883	Journalist
10	E. D. Crumpacker*	R.	Valparaiso	Indiana	1852	Valparaiso	1874	Lawyer
11	George W. Steele*‡	R.	Marion	Indiana	1839	Ohio Wesleyan		Operator
12	James M. Robinson*	D.	Fort Wayne	Indiana	1861			Lawyer
13	Abraham L. Brick	R.	South Bend	Indiana	1860	Univ. of Michigan	1883	Lawyer
	IOWA.							
1	Thomas Hedge	R.	Burlington	Iowa	1844	Yale, '67; Col. Law	1869	Lawyer
2	Joe R. Lane	R.	Davenport	Iowa	1858	Knox	1878	Lawyer
3	D. B. Henderson*‡	R.	Dubuque	Scotland	1840	Upper Iowa Univ		Lawyer
4	Gilbert N. Haugen	R.	Northwood	Wisconsin	1859			Banker
5	Robert G. Cousins*	R.	Tipton	Iowa	1859	Cornell (Ia.)	1881	Lawyer
6	John F Lacey*‡	R.	Oskaloosa	W. Virginia	1841			Lawyer
7	John A. T. Hull*‡	R.	Des Moines	Ohio	1841	Asbury Univ	1862	Farmer
8	William P. Hepburn*‡	R.	Clarinda	Ohio	1833			Lawyer
9	Smith McPherson	R.	Red Oak	Indiana	1848			Lawyer
10	Jon. P. Dolliver*	R.	Fort Dodge	W. Virginia	1858	West Va. Univ	1875	Lawyer
11	Lot Thomas	R.	Storm Lake	Penna	1843	Ia. State Un. (Law		Lawyer
	KANSAS.							
	W. J. Bailey (at large)	R.	Baileyville	Illinois	1854	Univ. of Illinois	1879	Farmer
1	Charles Curtis*	R.	Topeka	Kansas	1860			Lawyer
2	J. D. Bowerstock	R.	Lawrence	Ohio	1842			Manufacturer
3	Edwin R. Ridgely*‡	P.	Pittsburgh	Illinois	1844			Merchant
4	James M Miller	R.	Council Grove	Penna	1852			Lawyer
5	W. A. Calderhead**‡	R.	Marysville	Ohio	1844	Franklin		Lawyer
6	William A. Reeder	R.	Logan	Penna	1849			Banker
7	Chester I. Long**	R.	Medicine L'g.	Penna	1860			Lawyer
	KENTUCKY.							
1	Chas. K. Wheeler*	D	Paducah	Kentucky	1863	Stewart	1879	Lawyer
2	H. D. Allen	D.	Morganfield	Kentucky	1854			Lawyer
3	John S. Rhea*	D.	Russellville	Kentucky	1855	Wash. & Lee. Univ	1873	Lawyer
4	Daniel H. Smith*	D.	Hodgenville	Kentucky	1854			Lawyer
5	Oscar Turner	D.	Louisville	Kentucky	1867	Univ. of Virginia	1886	Lawyer
6	Albert S. Berry*†	D.	Newport	Kentucky	1836	Miami Univ	1856	Speculator
7	June Gayle	D.	Owenton					
8	G. G. Gilbert	D.	Shelbyville	Kentucky		Cecilian	1871	Lawyer
9	Samuel J. Pugh*	R.	Vanceburg	Kentucky	1850	Centre (Ky.)		Lawyer
10	T. Y. Fitzpatrick*	D.	Prestonsburg	Kentucky	1850			Lawyer
11	Vincent Boreing‡	R.	London	Tennessee	1839	Tusculum	1867	Banker
	LOUISIANA.							
1	Adolph Meyer*†	D.	New Orleans	Mississippi	1842	Univ. of Virginia	1862	Not stated
2	Robt. C. Davey*	D.	New Orleans	Louisiana	1853	St. Vincent's	1871	Not stated
3	Robt. F. Broussard*	D.	New Iberia	Louisiana	1864	Georgetown Univ		Lawyer
4	Phanor Breazeale	D.	Natchitoches	Louisiana	1858			Lawyer
5	Joseph E. Ransdell	D.	L. Providence					
6	S. M. Robertson*	D.	Baton Rouge	Louisiana	1852	La. State Univ	1874	Lawyer
	MAINE.							
1	Amos L. Allen	R.	Alfred	Maine	1837	Bowdoin	1860	Lawyer
2	Charles E. Littlefield	R.	Rockland	Maine	1851			Lawyer
3	Edwin C. Burleigh*	R.	Augusta	Maine	1843			Editor
4	Chas. A. Boutelle*‡	R.	Bangor	Maine	1839			Journalist
	MARYLAND.							
1	John W. Smith (c)	D.	Snow Hill	Maryland	1843			Banker
2	William B. Baker*	R.	Aberdeen	Maryland	1840			Fruit Packer
3	Frank C. Wachter	R.	Baltimore	Maryland	1861			Manufacturer
4	James W. Denny†	D.	Baltimore	Virginia	1841	Univ. of Virginia	1859	Lawyer
5	Sydney E. Mudd*	R.	La Plata	Maryland	1858	St. John's, Annap.	1878	Lawyer
6	George A. Pearre	R.	Cumberland	Maryland	1860	Princeton	1880	Lawyer
	MASSACHUSETTS.							
1	Geo. P. Lawrence*	R.	North Adams	Mass.	1859	Amherst	1880	Lawyer
2	Fred. H. Gillett*	R.	Springfield	Mass.	1851	Amherst	1874	Lawyer
3	John R. Thayer	D.	Worcester	Mass.	1845	Yale	1869	Lawyer
4	George W. Weymouth*	R.	Fitchburg	Mass.	1850			Operator
5	William S. Knox*	R.	Lawrence	Connecticut	1843	Amherst	1865	Lawyer
6	William H. Moody*	R.	Haverhill	Mass.	1863	Harvard	1876	Lawyer
7	Ernest W. Roberts	R.	Chelsea	Maine	1858	Boston Univ	1881	Lawyer
8	Samuel W. McCall*	R.	Winchester	Penna	1851	Dartmouth	1874	Lawyer
9	John F. Fitzgerald*	D.	Boston	Mass.	1865	Harvard		Insurance
10	Henry F. Naphen	D.	Boston	Ireland	1852	Harvard	1878	Lawyer
11	Charles F. Sprague*	R.	Brookline	Mass.	1857	Harvard	1879	Lawyer
12	William C. Lovering*‡	R.	Taunton	Rhode Island	1837			Manufacturer
13	William S. Greene*	R.	Fall River	Illinois	1841			Real Estate

District.	Representatives.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	College.	Year of Graduation.	Present Vocation.
	MICHIGAN.							
1	John B. Corliss*	R.	Detroit	Vermont	1851	Columbian (Law)	1875	Lawyer
2	Henry C. Smith	R.	Adrian	New York	1858	Adrian	1878	Lawyer
3	Washington Gardner‡	R.	Albion	Ohio	1845	O. Wesleyan Uni.	1870	Educator
4	E. L. Hamilton*	R.	Niles	Michigan	1858			Lawyer
5	Wm. Alden Smith*	R.	Grand Rapids	Michigan	1859			Lawyer
6	Samuel W. Smith*	R.	Pontiac	Michigan	1852	Univ. of Michigan	1878	Lawyer
7	Edgar Weeks‡	R.	Mt. Clemens	Michigan	1839			Lawyer
8	J. W. Fordney	R.	Saginaw, W.S.	Indiana	1855			Timber Lands
9	Roswell P. Bishop*‡	R.	Ludington	New York	1843	Univ. of Michigan	1872	Lawyer
10	Rousseau O. Crump*	R.	West Bay City	New York	1843			Manufacturer
11	Wm. S. Mesick*	R.	Mancelona	New York	1856	Ann Arbor		Lawyer
12	Carlos D. Shelden*‡	R.	Houghton	Wisconsin	1840			Real Estate
	MINNESOTA.							
1	James A. Tawney*	R.	Winona	Penna.	1855			Lawyer
2	Jas. T. McCleary*	R.	Mankato	Canada	1853	McGill (Canada)		Not stated
3	Joel P. Heatwole*	R.	Northfield	Indiana	1856			Printer
4	Fred'k C. Stevens*	R.	St. Paul	Mass.	1861	Bowdoin	1881	Lawyer
5	Loren Fletcher*	R.	Minneapolis	Maine	1833			Retired
6	Page Morris*	R.	Duluth	Virginia	1853	Va. Military Inst.	1872	Lawyer
7	Frank M. Eddy*	R.	Glenwood	Minnesota	1856			Not stated
	MISSISSIPPI.							
1	John M. Allen*†	D.	Tupelo	Mississippi	1847	Uni. of Miss. (Law)	1870	Lawyer
2	Thomas Spight†	D.	Ripley	Mississippi	1841			Lawyer
3	T. C. Catchings*†	D.	Vicksburg	Mississippi	1847	Oakland		Lawyer
4	Andrew F. Fox*	D.	West Point	Alabama	1849			Lawyer
5	John S. Williams*	D.	Yazoo City	Tennessee	1854	U. Va. & Heidelb'g		Lawyer
6	Frank A. McLain	D.	Gloster	Mississippi	1853	Univ. of Miss.	1874	Lawyer
7	Patrick Henry*†	D.	Brandon	Mississippi	1843	Nashville Milit'y		Lawyer
	MISSOURI.							
1	James T. Lloyd*	D.	Shelbyville	Missouri	1857	Christian Univ.	1878	Lawyer
2	W. W. Rucker	D.	Keytesville	Virginia	1855			Lawyer
3	John Dougherty	D.	Liberty	Missouri	1857	William Jewell		Lawyer
4	C. F. Cochran*	D.	St. Joseph	Missouri				Journalist
5	W. S. Cowherd*	D.	Kansas City	Missouri	1860	Univ. of Missouri	1881	Lawyer
6	D. A. De Armond*	D.	Butler	Penna.	1844			Lawyer
7	James Cooney*	D.	Marshall	Ireland	1848	Missouri Univ.	1872	Lawyer
8	Dorsey Shackleford	D.	Jefferson City	Missouri	1853			Lawyer
9	Champ Clark*	D.	Bowl'g Green	Kentucky	1850	Bethany	1873	Lawyer
10	Richard Bartholdt*	R.	St. Louis	Germany	1853	Schleiz (Germ'ny)	1871	Editor
11	Charles F. Joy*	R.	St. Louis	Illinois	1849	Yale	1874	Lawyer
12	Charles E. Pearce*‡	R.	St. Louis	New York	1842	Union	1863	Lawyer
13	Edward Robb*	D.	Perryville	Missouri	1857	State Univ. (Mo.)	1879	Lawyer
14	W. D. Vandiver*	D.	Cape Girardeau	W. Virginia	1854	Central (Mo.)	1877	Teacher
15	M. E. Benton*	D.	Neosho	Tennessee	1849	Cumberland Uni.	1870	Lawyer
	MONTANA.							
	A. J. Campbell	D.	Butte	Michigan	1857	Mich. Agriculture		Lawyer
	NEBRASKA.							
1	E. J. Burkett	R.	Lincoln	Iowa	1867	Tabor	1890	Lawyer
2	David H. Mercer*	R.	Omaha	Iowa	1857	Nebraska Univ.	1880	Lawyer
3	John S. Robinson	D.	Madison	W. Virginia	1856			Lawyer
4	William L. Stark*	P.	Aurora	Connecticut	1853			Lawyer
5	R. D. Sutherland*	P.	Nelson	Iowa	1862	Amity		Lawyer
6	William Neville	P.	North Platte					
	NEVADA.							
	F. G. Newlands*	S.	Reno	Mississippi	1848	Yale		Mining
	NEW HAMPSHIRE.							
1	Cyrus A. Sulloway*	R.	Manchester	N. Hamp.	1839			Lawyer
2	Frank G. Clarke*	R.	Peterboro	N. Hamp.	1850	Dartmouth	1873	Lawyer
	NEW JERSEY.							
1	H. C. Loudenslager*	R.	Paulsboro	New Jersey	1852			Not stated
2	John J. Gardner*‡	R.	Atlantic City	New Jersey	1845			Farmer
3	Benj. F. Howell*‡	R.	N. Brunswick	New Jersey	1844			Banker
4	Joshua S. Salmon	D.	Boonton	New Jersey	1846	Union University	1873	Lawyer
5	James F. Stewart*	R.	Paterson	New Jersey	1851	N. Y. Uni. (Law)	1870	Lawyer
6	Richard W. Parker*	R.	Newark	New Jersey	1848	Princeton	1867	Lawyer
7	William D. Daly	D.	Hoboken	New Jersey	1851			Lawyer
8	Charles N. Fowler*	R.	Elizabeth	Illinois	1852	Yale	1876	Not stated
	NEW YORK.							
1	Townsend Scudder	D.	Glen Head	New York	1865	Columbia (Law)	1888	Lawyer
2	John J. Fitzgerald	D.	Brooklyn	New York	1872	Manhattan	1891	Lawyer
3	Edmund H. Driggs*	D.	Brooklyn	New York	1865	Adelphi		Ins. Surveyor
4	Bertram T. Clayton (*a*)	D.	Brooklyn	Alabama	1862	U. S. Mil. Acad.	1886	Civil Engin'r
5	Frank E. Wilson	D.	Brooklyn	New York	1857			Physician
6	Mitchell May	D.	Brooklyn	New York	1871	Columbia	1892	Lawyer
7	Nicholas Muller*‡	D.	N. Y. City	Luxembourg	1836	Luxembourg		Railroad Ag't
8	Daniel J. Riordan	D.	N. Y. City	New York	1870	Manhattan	1890	Real Estate
9	Thos. J. Bradley*	D.	N. Y. City	New York	1870	College C. of N. Y.	1887	Lawyer
10	A. J. Cummings*‡	D.	N. Y. City	New York	1841			Editor
11	William Sulzer*	D.	N. Y. City	New Jersey	1863			Lawyer
12	Geo. B. McClellan*	D.	N. Y. City	Saxony	1865	Princeton	1886	Lawyer
13	Jeff. M. Levy	D.	N. Y. City	New York		N. Y. University		Lawyer

District.	Representatives.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	College.	Year of Graduation.	Present Vocation.
	NEW YORK—*Continued.*							
14	W. A. Chanler (*a*)	D.	N. Y. City	Rhode Isl'nd	1867	Harvard	....	Real Estate
15	Jacob Ruppert, Jr.	D.	N. Y. City	New York	1867		....	Brewer
16	John Q. Underhill	D.	N. Rochelle	New York	1848	College City N.Y.	....	Insurance
17	A. S. Tompkins	R.	Nyack	New York	1865		....	Lawyer
18	J. H. Ketcham*‡	R.	Dover Plains	New York	1832		....	Not stated
19	A. V. S. Cochrane*	R.	Hudson	New York	1858	Yale	1879	Lawyer
20	Martin H. Glynn	D.	Albany	New York	1871	St. John's (N. Y.)	1894	Lawyer
21	John K. Stewart	R.	Amsterdam	New York	1852		....	Manufacturer
22	L. N. Littauer*	R.	Gloversville	New York	1859	Harvard	1878	Manufacturer
23	L. W. Emerson	R.	Warrensburg	New York	1857		....	Manufacturer
24	C. A. Chickering*	R.	Copenhagen	New York	1843		....	Not stated
25	Jas. S. Sherman*	R.	Utica	New York	1855	Hamilton	1878	Lawyer
26	George W. Ray*‡	R.	Norwich	New York	1844		....	Lawyer
27	M. E. Driscoll	R.	Syracuse	New York	1861	Williams	1877	Lawyer
28	Sereno E. Payne*	R.	Auburn	New York	1843	Univ. of Roch'ter	1864	Lawyer
29	Charles W. Gillet*‡	R.	Addison	New York	1840	Union	1861	Retired
30	J. W. Wadsworth*‡	R.	Geneseo	Penna	1846	Yale	....	Farmer
31	J. M. E. O'Grady	R.	Rochester	New York	1863	Rochester Univ	1885	Lawyer
32	Wm. H. Ryan	D.	Buffalo	Mass.	1860		....	Public Official
33	D. S. Alexander*‡	R.	Buffalo	Maine	1846	Bowdoin	1870	Lawyer
34	Ed. B. Vreeland	R.	Salamanca	New York	1857		....	Lawyer
	NORTH CAROLINA.							
1	John H. Small	D.	Washington	N. Carolina	1858	Trinity (N. C.)	....	Lawyer
2	George H. White*	R.	Tarboro	N. Carolina	1852	Howard Univ	1877	Lawyer
3	Chas. R. Thomas	D.	New Bern	N. Carolina	1861	Univ. of N. C.	1881	Lawyer
4	John W. Atwater‡	P.	Rialto	N. Carolina	1840		....	Farmer
5	Wm. W. Kitchin*	D.	Roxboro	N. Carolina	1866	Wake Forest	1884	Lawyer
6	John D. Bellamy	D.	Wilmington	N. Carolina	1854	Univ. of Virginia	1875	Lawyer
7	Theo. F. Kluttz	D.	Salisbury	N. Carolina	1848		....	Lawyer
8	R. Z. Linney*‡	R.	Taylorsville	N. Carolina	1841		....	Lawyer
9	W. T. Crawford**	D.	Wayneville	N. Carolina	1856	Univ. of N. C.	1890	Lawyer
	NORTH DAKOTA.							
	B. F. Spalding	R.	Fargo	Vermont	1853	Norwich Univ	1877	Lawyer
	OHIO.							
1	Wm. B. Shattuc*‡	R.	Madisonville	New York	1841		....	Retired
2	J. H. Bromwell*	R.	Cincinnati	Ohio	1847		....	Lawyer
3	John L. Brenner*	D.	Dayton	Ohio	1852		....	Tobacco
4	Robert B. Gordon	D.	St. Mary's	Ohio	1855		....	Grain Dealer
5	David Meekison*	D.	Napoleon	Scotland	1849		....	Banker
6	Seth W. Brown*‡	R.	Lebanon	Ohio	1843		....	Lawyer
7	Walter L. Weaver*	R.	Springfield	Ohio	1851	Wittenberg	1870	Lawyer
8	Arch. Lybrand*‡	R.	Delaware	Ohio	1846	Ohio Wes'n Univ.	....	Manufacturer
9	J. H. Southard*	R.	Toledo	Ohio	1851	Cornell	1874	Lawyer
10	Stephen Morgan	R.	Oak Hill	Ohio	1854		....	Teacher
11	C. H. Grosvenor*‡	R.	Athens	Connecticut	1833		....	Lawyer
12	John J. Lentz*	D.	Columbus	Ohio	1856	Univ. of Michigan	1882	Lawyer
13	James A. Norton*‡	D.	Tiffin	Ohio	1843		....	Lawyer
14	Winfield S. Kerr*	R.	Mansfield	Ohio	1852	Univ. Mich. (Law)	1879	Lawyer
15	H. C. Van Voorhis*	R.	Zanesville	Ohio	1852	Denison Univ	....	Lawyer
16	Joseph J. Gill	R.	Steubenville	Ohio	1846		....	Manufacturer
17	John A. McDowell	D.	Millersburg	Ohio	1853	Mount Union	1887	Teacher
18	Robt. W. Tayler*	R.	Lisbon	Ohio	1852	Western Reserve	1872	Lawyer
19	Charles Dick* (*a*)	R.	Akron	Ohio	1858		....	Not stated
20	F. O. Phillips	R.	Medina	Ohio	1856	Kenyon	....	Lawyer
21	Theo. E. Burton*	R.	Cleveland	Ohio	1851	Oberlin	1872	Lawyer
	OREGON.							
1	Thos. H. Tongue*	R.	Hillsboro	England	1844	Pacific Univ.	1868	Lawyer
2	Malcolm A. Moody	R.	The Dalles	Oregon	1854	Univ. of Cal	....	Merchant
	PENNSYLVANIA.							
	G. A. Grow* (at large)	R.	Glenwood	Connecticut	1823	Amherst	1844	Farmer
	S. A. Davenport* "	R.	Erie	New York	1834	Harvard	1855	Lawyer
1	H. H. Bingham*‡	R.	Philadelphia	Penna	1841	Jefferson	1862	Not stated
2	Robert Adams, Jr.*	R.	Philadelphia	Penna	1849	Univ. of Penna.	1869	Not stated
3	Wm. McAleer*	D.	Philadelphia	Ireland	1838		....	Merchant
4	Jas. R. Young*‡	R.	Philadelphia	Penna	1847		....	Journalist
5	Alfred C. Harmer*	R.	Philadelphia	Penna	1825		....	Not stated
6	Thos. S. Butler*	R.	West Chester	Penna	1855		....	Lawyer
7	Irving P. Wanger*	R.	Norristown	Penna	1852		....	Lawyer
8	Laird H. Barber	D.	Mauch Chunk	Penna	1848	Lafayette	1871	Lawyer
9	Henry D. Green	D.	Reading	Penna	1857	Yale	1877	Lawyer
10	Marriott Brosius*‡	R.	Lancaster	Penna	1843	Univ. of Mich	1868	Lawyer
11	Wm. Connell*	R.	Scranton	Nova Scotia	1827		....	Coal Operator
12	S. W. Davenport	D.	Plymouth	Penna	1861	Wesleyan Univ	1884	Lawyer
13	James W. Ryan	D.	Pottsville	Penna	1853		....	Lawyer
14	M. E. Olmstead*	R.	Harrisburg	Penna	....		....	Lawyer
15	Charles F. Wright	R.	Susquehanna	Penna	1856		....	Banker
16	Horace B. Packer*	R.	Wellsboro	Penna	....	Alfred Univ	....	Lawyer
17	Rufus K. Polk (*a*)	D.	Danville	Tennessee	1867	Lehigh Univ	1887	Manufacturer
18	Thad. M. Mahon*‡	R.	Chamb'sb'rg	Penna	1840		....	Lawyer
19	Edward D. Ziegler	D.	York	Penna	1844	Pennsylvania	1865	Lawyer
20	Joseph E. Thropp	R.	Everett	Penna	1849		....	Civil Engin'r

District.	Representatives.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	College.	Year of Graduation.	Present Vocation.
	PENNSYLVANIA—*Con.*							
21	Summers M. Jack	R	Indiana	Penna.	1862			Lawyer
22	John Dalzell*	R.	Pittsburgh	New York	1845	Yale	1865	Lawyer
23	Wm. H. Graham*†	R.	Allegheny	Penna	1844			Banker
24	Ernest F. Acheson*	R.	Washington	Penna	1855	Wash. & Jeff'son	1875	Editor
25	Jos. B. Showalter*	R.	Chicora	Penna	1851			Oil Producer
26	Athelston Gaston	D.	Meadville	New York	1838			Manufacturer
27	Joseph C. Sibley**	D.	Franklin	New York	1850			Manufacturer
28	James K. P. Hall	D.	Ridgway	Penna	1844			Banker
	RHODE ISLAND.							
1	Melville Bull*	R.	Newport	RhodeIsland	1854	Harvard	1877	Farmer
2	Adin B. Capron*‡	R.	Smithfield	Mass.	1841			Milling
	SOUTH CAROLINA.							
1	William Elliott*†	D.	Beaufort	S. Carolina	1838	Hav'd & U. of Va.	1858	Lawyer
2	W. J. Talbert*†	D.	Parksville	S. Carolina	1847	Erskine		Farmer
3	A. C. Latimer*	D.	Belton	S. Carolina	1851			Farmer
4	Stanyarne Wilson*	D.	Spartanburg	S. Carolina	1859	Wash. & Lee Un.	1878	Lawyer
5	D. E. Finley†	D.	Yorkville	S. Carolina	1861	South Carolina	1886	Lawyer
6	James Norton*	D.	Mullins	S. Carolina	1843			Farmer
7	William Stokes*	D.	Orangeburg	S. Carolina	1853	Vanderbilt	1881	Physician
	SOUTH DAKOTA.							
	Chas. H. Burke (at large)	R.	Pierre	New York	1861			Real Estate
	Robert J. Gamble** "	R.	Yankton	New York	1851	Lawrence Univ.	1874	Lawyer
	TENNESSEE.							
1	W. P. Brownlow*	R.	Jonesboro	Virginia	1851			Editor
2	Henry R. Gibson*‡	R.	Knoxville	Maryland	1837	Hobart	1862	Lawyer
3	John A. Moon*	D.	Chattanooga	Virginia	1855	King		Lawyer
4	Chas. E. Snodgrass	D.	Crossville	Tennessee	1866			Lawyer
5	J. D. Richardson*†	D.	Murfreesboro	Tennessee	1843	Franklin (Tenn.)		Lawyer
6	John W. Gaines*	D.	Nashville	Tennessee	1861	Vanderbilt Univ.		Lawyer
7	Nicholas N. Cox*†	D.	Franklin	Tennessee	1837	Cumberl'd (Law).	1858	Lawyer
8	Thetus W. Sims*	D.	Linden	Tennessee	1852	Cumberl'd (Law)		Lawyer
9	Rice A. Pierce*†	D.	Union City	Tennessee	1849			Lawyer
10	R. W. Carmack*	D.	Memphis	Tennessee	1858			Journalist
	TEXAS.							
1	Thomas H. Ball*	D.	Huntsville	Texas	1859	Austin		Lawyer
2	Samuel B. Cooper*	D.	Beaumont	Kentucky	1850			Lawyer
3	R. C. De Graffenreid*	D.	Longview	Tennessee	1859	Univ. of Tenn.	1877	Lawyer
4	John L. Sheppard	D.	Texarkana	Alabama	1852			Lawyer
5	Joseph W. Bailey*	D.	Gainesville	Mississippi	1863			Lawyer
6	Robert E. Burke*†	D.	Dallas	Alabama	1847			Lawyer
7	Robert L. Henry*	D.	Waco	Texas	1864	Univ. of Texas	1887	Lawyer
8	S. W. T. Lanham*†	D.	Weatherford	S. Carolina	1846			Lawyer
9	Albert S. Burleson	D.	Austin	Texas	1863	Univ. of Texas	1884	Lawyer
10	R. B. Hawley*	R.	Galveston	Tennessee	1850			Merchant
11	Rudolph Kleberg*†	D.	Cuero	Texas	1847			Lawyer
12	James L. Slayden*	D.	San Antonio	Kentucky	1853	Wash. & Lee Un.		None
13	John H. Stephens*	D.	Vernon	Texas	1847	Cumberl'd (Law)	1872	Lawyer
	UTAH.							
	~~Dickson H. Roberts (b)~~	D.	Centreville	Wales	1859			Journalist
	VERMONT.							
1	H. Henry Powers*	R.	Morrisville	Vermont	1835	Univ. of Vermont	1855	Lawyer
2	Wm. W. Grout*‡	R.	St. Johnsb'yE.	Canada	1836			Lawyer
	VIRGINIA.							
1	William A. Jones*†	D.	Warsaw	Virginia	1849	Univ. of Virginia	1870	Lawyer
2	Wm. A. Young*	D.	Norfolk	Virginia	1860			Not stated
3	John Lamb*†	D.	Richmond	Virginia	1840			Farmer
4	Sydney P. Epes*	D.	Blackstone	Virginia	1865			PublicOfficial
5	Claude A. Swanson*	D.	Chatham	Virginia	1862	Univ. of Virginia	1886	Lawyer
6	Peter J. Otey*†	D.	Lynchburg	Virginia	1840	Virginia Mil. Inst	1860	Not stated
7	James Hay*	D.	Madison	Virginia	1856	Wash. & Lee Un.	1877	Lawyer
8	John F. Rixey*	D.	Brandy	Virginia	1854	Univ. of Virginia	1875	Farmer
9	William F. Rhea	D.	Bristol	Virginia	1858	King		Lawyer
10	Julian M. Quarles	D.	Staunton	Virginia	1848	Univ. of Virginia	1874	Lawyer
	WASHINGTON.							
	F. W. Cushman (at large)	R.	Tacoma	Iowa	1867			Lawyer
	W. L. Jones "	R.	N. Yakima	Illinois	1863	Southern Illinois	1885	Lawyer
	WEST VIRGINIA.							
1	B. B. Dovener*‡	R.	Wheeling	Virginia	1842			Lawyer
2	Alston G. Dayton*	R.	Philippi	W. Virginia	1857	W. Virginia Univ.	1878	Lawyer
3	David E. Johnston†	D.	Bluefield	Virginia	1845			
4	Romeo H. Freer†	R.	Harrisville	Ohio	1845			Lawyer
	WISCONSIN.							
1	Henry A. Cooper*	R.	Racine	Wisconsin		Northwestern	1873	Lawyer
2	Herman B. Dahle	R.	Mount Horeb	Wisconsin	1855	Un. of Wisconsin		Merchant
3	Jos. W. Babcock*	R.	Necedah	Vermont	1850			None
4	Theobold Otjen*	R.	Milwaukee	Michigan	1851	Un. of Mich. (Law)	1875	Lawyer
5	Samuel S. Barney*	R.	West Bend	Wisconsin	1846	Lombard Univ.		Lawyer
6	J. H. Davidson*	R.	Oshkosh	New York	1858			Lawyer
7	John J. Esch	R.	La Crosse	Wisconsin	1861	Un. of Wisconsin	1887	Lawyer
8	Edward S. Minor*‡	R.	Sturgeon Bay	New York	1840			Not stated

43

THE FIFTY-SIXTH CONGRESS—*Continued.*

District.	Representatives.	Politics.	Post-Office Address.	Place of Birth.	Year of Birth.	College.	Year of Graduation.	Present Vocation.
	WISCONSIN—*Continued.*							
9	Alex. Stewart*.....	R.	Wausau.....	Canada	1829	.....	....	Lumberman
10	John J. Jenkins*‡.....	R.	Chip'wa Falls	England.....	1843	.....	....	Lawyer
	WYOMING.							
	Frank W. Mondell**.....	R.	Newcastle....	Missouri	1860	.....	....	Stock Raiser
	DELEGATES FROM TERRITORIES.							
	ARIZONA.							
	John F. Wilson†	D.	Prescott.....	Tennessee ...	1846	.....	....	Lawyer
	NEW MEXICO.							
	Pedro Perea.....	R.	Bernalillo	.....	....	.....	....	....
	OKLAHOMA.							
	Dennis T. Flynn**.....	R.	Guthrie.....	Penna.....	1862	Canisius.....	1878	Lawyer

D., Democrats, 163. R., Republicans, 185. P., Populists, 6. S., Silver Party, 3.

* Served in the Fifty-fifth House. ** Served in a previous House. † Served in the Confederate Army during the Civil War. ‡ Served in the Union Army during the Civil War. § Served in the Confederate Army during the Civil War, the Spanish-American War, and the war in the Philippines. (*a*) Served in the Spanish-American War. (*b*) At the time the ALMANAC went to press Mr. Roberts had been refused a seat in the House, pending action by the committee appointed to determine his eligibility. (*c*) Resigned, now Governor of Maryland.

VOCATIONS.—Lawyers, 233; farmers, 17; public officials, 2; manufacturers, 14; merchants, 6; journalists 6; bankers, 12; editors, 5; physicians, 2; retired, 3; real estate, 5; lumberman, 1; planter, 1; insurance, 2; teachers, 3; mining, 1; educator, 1; contractor, 1; speculator, 1; milling, 1; railroad agent, 1; timber lands, 1; stock raiser, 1; insurance surveyor, 1; operators, 2; civil engineers, 2; printer, 1; fruit packer, 1; brewer, 1; grain dealer, 1; tobacco, 1; oil producer, 1; advertising signs, 1; coal operator, 1; follow no vocation, 2; vocation not stated, 19; no detailed report, 3; total, 357.

The oldest Representative is Mr. Grow, of Pennsylvania, born in 1823; the youngest is Mr. John J. Fitzgerald, of New York, born in 1872.

OTHER OFFICERS OF THE HOUSE OF REPRESENTATIVES.—Rev. H. N. Couden, Chaplain; Henry Casson, Sergeant-at-Arms; William J. Glenn, Doorkeeper; Joseph C. McElroy, Postmaster.

Judiciary of the State of New York.

JUDGES OF THE COURT OF APPEALS.

Judges.	Residences.	Counties.	Salaries.	Politics.	Terms Expire.
Alton B. Parker, Chief Judge.....	Kingston.	Ulster.....	$14,200	Dem.....	Dec. 31, 1911
Albert Haight, Associate Judge.....	Buffalo.....	Erie.....	13,700	Rep.	" 31, 1908
John Clinton Gray, " ...	New York....	New York....	13,700	Dem.....	" 31, 1902
Irving G. Vann, "	Syracuse.....	Onondaga	13,700	Rep.	" 31, 1910
Edward T. Bartlett, "	New York....	New York....	13,700	Rep.	" 31, 1907
Denis O'Brien, "	Watertown...	Jefferson	13,700	Dem.....	" 31, 1903
Celora E. Martin, "	Binghamton..	Broome	13,700	Rep.	" 31, 1904

Clerk—William H. Shankland, Rep., Albany; salary, $5,000. *Deputy*—Richard M. Barber; salary, $3,000. *Reporter*—Edmund H. Smith, Rep., Albany; salary, $5,000.

JUDGES OF THE APPELLATE DIVISION OF THE SUPREME COURT.

Department.	Justices.	Residences.	Politics.	Terms Expire.
1st. The county of New York.	Charles H. Van Brunt.	New York.....	Dem.....	Dec. 31, 1911
	George C. Barrett.....	"	Dem.....	" 31, 1913
	Edward Patterson.....	"	Dem.....	" 31, 1900
	Morgan J. O'Brien....	"	Dem.....	" 31, 1901
	George L. Ingraham..	"	Dem.....	" 31, 1905
	Chester B. McLaughlin	Port Henry	Rep.	" 31, 1909
	William Rumsey	Bath.....	Rep.	" 31, 1908
2d. The counties of Kings, Queens, Nassau, Richmond, Suffolk, Rockland, Westchester, Putnam, Orange, Dutchess.	Wm. W. Goodrich.....	Brooklyn.....	Rep.....	" 31, 1910
	M. H. Hirschberg.....	Newburgh.....	Rep.	" 31, 1910
	Willard Bartlett.....	Brooklyn.....	Dem.....	" 31, 1911
	Edward W. Hatch.....	Buffalo.....	Rep.	" 31, 1909
	John Woodward.....	Jamestown.....	Rep.	" 31, 1910
3d. The counties of Sullivan, Ulster, Greene, Columbia, Scoharie, Albany, Rensselaer, Fulton, Montgomery, Saratoga, Washington, Warren, Hamilton, Essex, Clinton, Franklin, St. Lawrence, Delaware, Otsego, Broome, Chenango, Madison, Cortland, Tioga, Tompkins, Schuyler, Chemung.	Charles E. Parker.....	Oswego	Rep.	" 31, 1901
	Milton H. Merwin.....	Utica	Rep.	" 31, 1902
	Walter Lloyd Smith...	Elmira.....	Rep.	" 31, 1902
	D. Cady Herrick.....	Albany	Dem.....	" 31, 1905
	S. Alonzo Kellogg.....	Plattsburg	Rep.	" 31, 1904
4th. The counties of Herkimer, Oneida, Lewis, Jefferson, Oswego, Onondaga, Cayuga, Seneca, Wayne, Ontario, Yates, Steuben, Livingston, Monroe, Allegany, Wyoming, Genesee, Orleans, Niagara, Erie, Cattaraugus, Chautauqua.	William H. Adams....	Canandaigua.....	Rep.	" 31, 1901
	Peter B. McLennan...	Syracuse.....	Rep.	" 31, 1906
	Alfred Spring.....	Franklinville.....	Rep.	" 31, 1909
	Frank C. Laughlin.....	Buffalo	Rep.	" 31, 1909
	Pardon C. Williams...	Watertown.....	Rep.	" 31, 1911

JUDICIARY OF THE STATE OF NEW YORK—*Continued.*

JUSTICES OF THE SUPREME COURT.

THE yearly salaries of Justices of the Supreme Court are $7,200, except in New York and Kings counties, where they receive additional compensation from those counties.

DISTRICTS.	Justices.	Residences.	Politics.	Terms Expire.
1st. The city and county of New York.	George C. Barrett	New York	Dem.	Dec. 31, 1913
	Edward Patterson	"	Dem.	" 31, 1900
	Abraham R. Lawrence	"	Dem.	" 31, 1901
	Morgan J. O'Brien	"	Dem.	" 31, 1901
	George L. Ingraham	"	Dem.	" 31, 1905
	Francis M. Scott	"	Dem.	" 31, 1911
	Chas. H. Van Brunt	"	Dem.	" 31, 1911
	Charles H. Truax	"	Dem.	" 31, 1909
	Frederick Smyth	"	Dem.	" 31, 1909
	Charles F. MacLean	"	Dem.	" 31, 1909
	George P. Andrews	"	Dem.	" 31, 1912
	*P. Henry Dugro	"	Dem.	" 31, 1900
	*John J. Freedman	"	Dem.	" 31, 1904
	*David McAdam	"	Dem.	" 31, 1904
	*H. A. Gildersleeve	"	Dem.	" 31, 1905
	*Henry R. Beekman	"	Dem.	" 31, 1908
	James Fitzgerald	"	Dem.	" 31, 1912
	James A. O'Gorman	"	Dem.	" 31, 1913
	†Henry Bischoff, Jr.	"	Dem.	" 31, 1903
	David Leventritt	"	Dem.	" 31, 1912
	†Leonard A. Giegerich	"	Dem.	" 31, 1906
	†Miles Beach	"	Dem.	" 31, 1907
2d. Richmond, Suffolk, Orange, Nassau, Kings, Westchester, Queens, Rockland, Dutchess, and Putnam counties.	William J. Gaynor	Brooklyn	Dem.	" 31, 1907
	‡Edgar M. Cullen	"	Dem.	" 31, 1908
	Willard Bartlett	"	Dem.	" 31, 1911
	Martin J. Keogh	New Rochelle	Dem.	" 31, 1909
	William D. Dickey	Brooklyn	Rep.	" 31, 1909
	Wilmot M. Smith	Patchogue	Rep.	" 31, 1909
	Josiah T. Marean	Brooklyn	Dem.	" 31, 1912
	Almet F. Jenks	"	Dem.	" 31, 1912
	Garret J. Garretson	Flushing	Rep.	" 31, 1910
	William W. Goodrich	Brooklyn	Rep.	" 31, 1910
	Michael H. Hirschberg	Newburgh	Rep.	" 31, 1910
	Samuel T. Maddox	Brooklyn	Rep.	" 31, 1910
3d. Columbia, Rensselaer, Sullivan, Ulster, Albany, Greene, and Schoharie counties.	D. Cady Herrick	Albany	Dem.	" 31, 1905
	Edgar L. Fursman	Troy	Dem.	" 31, 1903
	Samuel Edwards	Hudson	Dem.	" 31, 1901
	Alden Chester	Albany	Rep.	" 31, 1909
	Emory A. Chase	Catskill	Rep.	" 31, 1910
	James A. Betts	Kingston	Dem.	" 31, 1912
4th. Warren, Saratoga, St. Lawrence, Washington, Essex, Franklin, Clinton, Montgomery, Hamilton, Fulton, and Schenectady counties	Leslie W. Russell	Canton	Rep.	" 31, 1905
	‡Judson S. Landon	Schenectady	Rep.	" 31, 1901
	James W. Houghton	Saratoga Springs	Rep.	" 31, 1909
	Martin L. Stover	Amsterdam	Rep.	" 31, 1905
	S. Alonzo Kellogg	Plattsburg	Rep.	" 31, 1904
	Chester B. McLaughlin	Port Henry	Rep.	" 31, 1909
5th. Onondaga, Jefferson, Oneida, Oswego, Herkimer and Lewis counties.	William S. Andrews	Syracuse	Rep.	" 31, 1913
	Milton H. Merwin	Utica	Rep.	" 31, 1902
	Maurice L. Wright	Oswego	Rep.	" 31, 1905
	Frank H. Hiscock	Syracuse	Rep.	" 31, 1910
	Pardon C. Williams	Watertown	Rep.	" 31, 1911
	Peter B. McLennan	Syracuse	Rep.	" 31, 1906
	William E. Scripture	Rome	Rep.	" 31, 1909
6th. Otsego, Delaware, Madison, Chenango, Tompkins, Broome, Chemung, Schuyler Tioga, and Cortland counties.	Charles E. Parker	Owego	Rep.	" 31, 1901
	Albert H. Sewell	Walton	Rep.	" 31, 1913
	Burr Mattice	Oneonta	Rep.	" 31, 1910
	Gerritt A. Forbes	Canastota	Rep.	" 31, 1901
	Walter Lloyd Smith	Elmira	Rep.	" 31, 1902
	George F. Lyon	Binghamton	Rep.	" 31, 1909
7th. Livingston, Ontario, Wayne, Yates, Steuben Seneca, Cayuga, and Monroe counties.	William H. Adams	Canandaigua	Rep.	" 31, 1901
	Charles C. Dwight	Auburn	Rep.	" 31, 1900
	‡William E. Werner	Rochester	Rep.	" 31, 1908
	William Rumsey	Bath	Rep.	" 31, 1908
	John M. Davy	Rochester	Rep.	" 31, 1902
	Edwin A. Nash	Avon	Rep.	" 31, 1909
	James W. Dunwell	Lyons	Rep.	" 31, 1909
8th. Erie, Chautauqua, Cattaraugus, Orleans, Niagara, Genesee, Allegany, and Wyoming counties.	John S. Lambert	Fredonia	Rep.	" 31, 1903
	Warren B. Hooker	"	Rep.	" 31, 1913
	Daniel J. Kenefick	Buffalo	Rep.	" 31, 1913
	Henry A. Childs	Medina	Rep.	" 31, 1906
	Edward W. Hatch	Buffalo	Rep.	" 31, 1909
	Alfred Spring	Franklinville	Rep.	" 31, 1909
	Frank C. Laughlin	Buffalo	Rep.	" 31, 1909
	Truman C. White	"	Rep.	" 31, 1913
	Frederick W. Kruse	Olean	Rep.	" 31, 1900
	John Woodward	Jamestown	Rep.	" 31, 1910

* Judges of the former New York City Superior Court. † Judges of the former New York Court of Common Pleas. All of limited jurisdiction. ‡ Assigned to Court of Appeals by Governor.

New York State Government.

(JANUARY 29, 1900.)

Governor.....Theo. Roosevelt, Oyster Bay..Term ex. Dec. 31, 1900..Salary, $10,000 and mansion.
Lieutenant-Governor.Timothy L. Woodruff, B'klyn. " " " 1900.. " 5,000.
Secretary to the Governor.....William J. Youngs..... " 4,000.

Secretary of State.....John T. McDonough, Albany....Term ex. Dec. 31, 1900..Salary, $5,000
Comptroller.....William J. Morgan, Buffalo..... " " " 1900.. " 6,000
State Treasurer.....John P. Jaeckel, Auburn..... " " " 1900.. " 5,000
Attorney-General.....John C. Davies, Camden..... " " " 1900.. " 5,000
State Engineer and Surveyor....Edward A. Bond, Watertown.... " " " 1900.. " 5,000
Supt. of Public Instruction.....Charles R. Skinner, Watertown.. " " April 6, 1901.. " 5,000
Superintendent of Insurance....Francis Hendricks, Syracuse..... " " Feb. 11, 1903... " 7,000
Superintendent Banking Dept...Frederick D. Kilburn, Malone.... " " May 9, 1902.. " 5,000
Superintendent State Prisons....Cornelius V. Collins, Troy..... " " April 17, 1903.. " 6,000
Superintendent Public Works...John N. Partridge, Brooklyn.... " " Dec. 31, 1900.. " 6,000

Deputy Secretary of State—J. B. H. Mongin.
Deputy Supt. of Insurance (1st)—Robert H. Hunter.
Deputy Supt of Insurance (2d)—Henry D. Appleton.
Tax Commissioner—J. Edgar Leaycraft, Dec. 31, 1900.
" " George I. Priest, Dec. 31, 1901.
" " Lester F. Stearns, Dec. 31, 1902.
Salari $2,500 each.

Deputy Supt. of Public Instruction—Danforth E. Ainsworth.

Railroad Commissioner—Ashley W. Cole, B'klyn.
" " G. W. Dunn, B'ghamton.
" " Frank M. Baker, Owego.
Salaries, $8,000 each.
John S. Kenyon, *Secretary*.

CANAL BOARD.

Lieutenant-Governor, Timothy L. Woodruff.
Secretary of State, John T. McDonough.
Comptroller, William J. Morgan.
State Treasurer, John P. Jaeckel.
Attorney-General, John C. Davies.
State Engineer and Surveyor, Edward A. Bond.
Superintendent of Public Works.

COMMISSIONERS OF LAND OFFICE.

Lieutenant-Governor, Timothy L. Woodruff.
Speaker of Assembly, S. Fred. Nixon.
Secretary of State, John T. McDonough.
Comptroller, William J. Morgan.
State Treasurer, John P. Jaeckel.
Attorney-General, John C. Davies.
State Engineer and Surveyor, Edward A. Bond.

The Tax Commissioners, with the Commissioners of the Land Office, constitute a State Board of Equalization.

STATE ARCHITECT.

George Lewis Heins, New York. Salary, $7,500.

COMMISSIONERS OF CANAL FUND.

Lieutenant-Governor, Secretary of State, Comptroller, State Treasurer, Attorney-General.

CIVIL SERVICE COMMISSIONERS.

Willard A. Cobb, Lockport.
William M. Collier, Auburn.
Silas W. Burt, New York.
Charles S. Fowler, Albany, *Chief Examiner*.
Salaries of Commissioners, $2,000 each.

STATE BOARD OF ARBITRATION AND MEDIATION.

Francis B. Delehanty.
James M. Gilbert.
W. H. H. Webster.
Salaries $3,000 each. Dec. 31 1901, all terms expire.

FISHERIES, GAME, AND FOREST COMMISSIONERS.

Barnet H. Davis, Palmyra.
Edward Thompson, Northville.
William R. Weed, Potsdam.
H. S. Holden, Syracuse.
Charles H. Babcock, Rochester.
President's salary, $3,000.

THE GOVERNOR'S STAFF.

Adjt.-General and Chief of Staff—Brig.-Gen. Edward M. Hoffman.
Military Secretary—Col. George C. Treadwell.
Aides-de-Camp—Maj. Craig Wadsworth, Capt. William Littauer, Capt. F. Norton Goddard, Capt. David S. Iglehart.

Detailed from the National Guard.

Aides-de-Camp—Lieut.-Col. William H. Chapin, 65th Regiment; Lieut.-Col. E. P. Cottle, 71st Regiment; Lieut.-Col. Harry H. Treadwell, 22d Regiment; Capt. George A. Wingate, 23d Regiment; Capt. James M. Andrews, 36th Separate Company; First Lieut. William L. Flanagan, 2d Battery; Capt. Adrian W. Mather, 10th Battalion; First Lieut. Robert K. Prentice, Squadron "A;" Second Lieut. James W. Cleveland, 7th Regiment.

Detailed from the Naval Militia.

Aide-de-Camp— ————

STATE FACTORY INSPECTOR.

John Williams, Utica. Salary, $3,000.

STATE FISH CULTURIST.

A. N. Cheney. Salary, $3,000.

COURT OF CLAIMS.

John M. Kellogg, Ogdensburg. } Salaries, $5,000 each
John F. Parkhurst, Bath. } and $500 in lieu of
Charles T. Saxton, Clyde. } expenses.

QUARANTINE COMMISSIONERS.

Hugh McRoberts, New York.
Edmund J. Palmer, New York. } $2,500 each.
Frederick H. Schroeder, Brooklyn.

STATE BOARD OF HEALTH.

S. Case Jones, M. D., Rochester, *President*.
Baxter T. Smelzer, M. D., Havana, *Secretary*.
Salary, $4,500.
Daniel Lewis, M. D., New York.
Owen Cassidy, Montour Falls.
Frederick W. Smith, M. D., Syracuse.
William T. Jenkins, M. D., New York.
Walter F. Willcox, Ithaca.
John C. Davies, Attorney-General, *ex officio*.
Edward A. Bond, State Engineer, *ex officio*.
Alvah H. Doty, Health Officer Port of N. Y., *ex off*.

COMMISSIONER OF LABOR STATISTICS.

John McMackin, New York. Salary, $3,000.
Deputy, Adner F. Weber.

STATE SUPERINTENDENT OF PUBLIC BUILDINGS.

Harry H. Bender, Albany. Salary, $3,500.

STATE SEALER OF WEIGHTS AND MEASURES.

Lewis Boss, Albany.

STATE INSPECTOR OF GAS METERS.

Jastrow Alexander, New York. Salary, $5,000.

STATE COMMISSION IN LUNACY.

Peter M. Wise, Ogdensburg, $7,500; Wm. C. Osborn, $5,000; William L. Parkhurst, $3,500.

STATE GEOLOGIST.

F. J. H. Merrill. Salary, $3,000.

REGENTS OF THE UNIVERSITY.

Anson Judd Upson, *Chancellor*; William Croswell Doane, *Vice-Chancellor*. Theodore Roosevelt, *Governor*; Timothy L. Woodruff, *Lieutenant-Governor*; John T. McDonough, *Secretary of State*; Charles R. Skinner, *Superintendent of Public Instruction*, *ex officio*, 1873, Martin I. Townsend; 1874, Anson Judd Upson; 1877, Chauncey M. Depew; 1877, Charles E. Fitch; 1877, Orris H. Warren; 1878, Whitelaw Reid; 1881, William H. Watson; 1881, Henry E. Turner; 1883, St. Clair McKelway; 1885, Hamilton Harris; 1885, Daniel Beach; 1888, Carroll E. Smith; 1890, Pliny T. Sexton; 1890, T. Guilford Smith; 1892, William C. Doane; 1893, Lewis A. Stimson; 1895, Albert Vander Veer; 1897, Chester S. Lord; one vacancy. *Acting Secretary*, James R. Parsons, Jr., Albany.

Legislature of the State of New York.

SESSION OF 1900.

SENATE.

President, Lieutenant-Governor Timothy L. Woodruff, Rep., of Kings County.

Dist.	*Names of Senators.*	*Politics.*	*P. O. Address.*
1	John L. Havens	Dem	Centre Moriches
2	James Norton	Dem	Glen Cove.
3	Thomas H. Cullen	Dem	Brooklyn.
4	David Floyd Davis	Rep	Brooklyn.
5	Michael J. Coffey*	Dem	Brooklyn.
6	William J. La Roche	Dem	Brooklyn.
7	Patrick H. McCarren*	Dem	Brooklyn.
8	Henry Marshall	Rep	Brooklyn.
9	Joseph Wagner	Dem	Brooklyn.
10	John F. Ahearn*	Dem	New York.
11	Timothy D. Sullivan*	Dem	New York.
12	Samuel J. Foley*	Dem	New York.
13	Bernard F. Martin*	Dem	New York.
14	Thomas F. Grady*	Dem	New York.
15	Nathaniel A. Elsberg	Rep	New York.
16	Louis Munzinger*	Dem	New York.
17	George W. Plunkitt	Dem	New York.
18	Maurice Featherson*	Dem	New York.
19	John Ford*	Rep	New York.
20	Thomas F. Donnelly	Dem	New York.
21	Richard H. Mitchell	Dem	New York.
22	William J. Graney	Dem	Dobbs Ferry.
23	Louis F. Goodsell	Rep	Highland Falls.
24	Henry S. Ambler	Rep	Chatham.
25	Jacob Rice	Dem	Rondout.
26	William L. Thornton	Rep	Monticello.
27	Hobart Krum*	Rep	Schoharie.
28	Edgar T. Brackett*	Rep	Saratoga Spr'gs.
29	Curtis N. Douglas	Dem	Albany.
30	Frank M. Boyce	Dem	East Schodack.
31	George Chahoon*	Rep	Ausable Forks.
32	George R. Malby*	Rep	Ogdensburg.
33	James D. Feeter	Rep	Little Falls.
34	Henry J. Coggeshall*	Rep	Waterville.
35	Elon R. Brown*	Rep	Watertown.
36	Horace White*	Rep	Syracuse.
37	Nevada N. Stranahan*	Rep	Fulton.
38	William E. Johnson*	Rep	Waverly.
39	Benjamin M. Wilcox*	Rep	Auburn.
40	Charles T. Willis	Rep	Tyrone.
41	Franklin D. Sherwood	Rep	Hornellsville.
42	John Raines*	Rep	Canandaigua.
43	Cornelius R. Parsons*	Rep	Rochester.
44	William W. Armstrong	Rep	Rochester.
45	Timothy E. Ellsworth*	Rep	Lockport.
46	Lester H. Humphrey*	Rep	Warsaw.
47	William F. Mackey	Dem	Buffalo.
48	Samuel J. Ramsperger	Dem	Buffalo.
49	George A. Davis	Rep	Lancaster.
50	Frank W. Higgins*	Rep	Olean.

* Members of the last Senate. Senators are elected for two years. The terms of the above expire December 31, 1900. Salary, $1,500 and mileage.

Republicans 27
Democrats 23

ASSEMBLY.

ALBANY.

Dist.	*Names of Members.*	*Politics.*	*P. O. Address.*
1	Wm. L. Coughtry*	Rep	Slingerlands.
2	James B. McEwan*	Rep	Albany.
3	George T. Kelly*	Dem	Albany.
4	Edward McCreary	Rep	Cohoes.

ALLEGANY.

Almanzo W. Litchard* Rep... Rushford.

BROOME.

1 James T. Rogers* Rep... Binghamton.
2 John H. Swift Rep... Union.

CATTARAUGUS.

1 William E. Wheeler Rep... Portville.
2 Albert T. Fancher* Rep... Little Valley.

CAYUGA.

1 Ernest G. Treat Rep... Weedsport.
2 George S. Fordyce* Rep... Union Springs.

CHAUTAUQUA.

1 J. Samuel Fowler* Rep... Broken Straw.
2 S. Frederick Nixon* Rep... Westfield.

CHEMUNG.

Charles H. Knipp Rep... Elmira.

CHENANGO.

Jotham P. Allds* Rep... Norwich.

CLINTON.

Charles E. Johnson Rep... Plattsburg.

COLUMBIA.

Martin M. Kittle Rep... Kinderhook.

CORTLAND.

George S. Sands* Rep... Cortland.

DELAWARE.

Delos Axtell* Rep... Barbourville.

DUTCHESS.

1 John T. Smith* Rep... Fishkill.
2 William A. Tripp* Rep... Rhinecliff.

ERIE.

Dist.	*Names of Members.*	*Politics.*	*P. O. Address.*
1	John H. Bradley	Dem	Buffalo.
2	Henry W. Hill*	Rep	Buffalo.
3	George Geoghan	Dem	Buffalo.
4	William Metzler	Rep	Buffalo.
5	Henry Streifler*	Dem	Buffalo.
6	Nicholas J. Miller	Rep	Buffalo.
7	John K. Patton*	Rep	Tonawanda.
8	Elijah Cook	Rep	Hamburg

ESSEX.

Orlando Beede* Rep... Beedes.

FRANKLIN.

Halbert D. Stevens Rep... Malone.

FULTON AND HAMILTON.

William Harris Rep... Northville.

GENESEE.

John J. Ellis* Rep... Darien Centre.

GREENE.

Sylvester B. Sage Dem... Catskill.

HERKIMER.

Erwin E. Kelley* Rep... Gray.

JEFFERSON.

1 Morgan Bryan* Rep... Adams.
2 Charles O. Roberts* Rep... Philadelphia.

KINGS.

1 John Hill Morgan Rep... Brooklyn.
2 John McKeown* Dem... Brooklyn.
3 James J. McInerney* Dem... Brooklyn.
4 Charles H. Cotton* Rep... Brooklyn.
5 Abram C. De Graw* Rep... Brooklyn.
6 John Harvey Waite Rep... Brooklyn.
7 John D. Holsten Dem... Brooklyn.
8 Thomas J. Farrell* Dem... Brooklyn.
9 John J. Cain* Dem... Brooklyn.
10 Charles E. Fiske Dem... Brooklyn.
11 Joseph A. Guider* Dem... Brooklyn.
12 Frank J. Price Rep... Brooklyn.

ASSEMBLY—*Continued.*

KINGS—*Continued.*

Dist.	*Names of Members.*	*Politics.*	*P. O. Address.*
13	George Siems*	Dem	Brooklyn.
14	Thomas P. Hawkins	Dem	Brooklyn.
15	Charles Juengst*	Dem	Brooklyn.
16	Edward C. Brennan*	Rep	Brooklyn.
17	Harris Wilson*	Rep	Brooklyn.
18	Jacob D. Remsen	Rep	Brooklyn.
19	Conrad Hasenflug	Dem	Brooklyn.
20	William F. Delaney	Dem	Brooklyn.
21	Joseph H. Adams	Rep	Brooklyn.

LEWIS.

	John L. Smith	Rep	Constableville.

LIVINGSTON.

	Otto Kelsey*	Rep	Geneseo.

MADISON.

	Robert J. Fish*	Rep	Oneida.

MONROE.

1	Merton E. Lewis*	Rep	Rochester.
2	Adolph J. Rodenbeck*	Rep	Rochester.
3	Richard Gardiner*	Rep	Rochester.
4	Benjamin F. Gleason*	Rep	Brockport.

MONTGOMERY.

	Alphonso Walrath	Rep	Fort Plain.

NEW YORK.

1	Michael Halpin	Dem	New York.
2	James A. Rierdon*	Dem	New York.
3	Michael T. Sharkey*	Dem	New York.
4	Patrick H. Roche*	Dem	New York.
5	Nelson H. Henry*	Rep	New York.
6	Timothy P. Sullivan*	Dem	New York.
7	John F. Maher*	Dem	New York.
8	Isidor Cohn	Dem	New York.
9	N. Taylor Phillips*	Dem	New York.
10	Julius Harburger*	Dem	New York.
11	John J. O'Connor*	Dem	New York.
12	Leon Sanders*	Dem	New York.
13	Patrick F. Trainor*	Dem	New York.
14	Louis Meister*	Dem	New York.
15	James E. Smith*	Dem	New York.
16	Samuel Prince	Dem	New York.
17	James J. Fitzgerald	Dem	New York.
18	Charles P. Dillon*	Dem	New York.
19	Perez M. Stewart	I. D.	New York.
20	Henry C. Honeck	Dem	New York.
21	Edward H. Fallows*	Rep	New York.
22	Joseph Baum*	Dem	New York.
23	Maurice M. Minton	Dem	New York.
24	John B. Fitzgerald*	Dem	New York.
25	John A. Weekes, Jr.	Rep	New York.
26	John J. O'Connell*	Dem	New York.
27	Gherardi Davis*	Rep	New York.
28	Joseph I. Green*	Dem	New York.
29	Moses R. Ryttenberg	Dem	New York.
30	Samuel F. Hyman	Dem	New York.
31	Samuel S. Slater*	Rep	New York.
32	John Poth, Jr.*	Dem	New York.
33	John J. Egan*	Dem	New York.
34	John J. Scanlon	Dem	New York.
35	William E. Morris	Dem	New York.

NIAGARA.

1	John T. Darrison*	Rep	Lockport.
2	Jay S. Rowe*	Rep	Johnson's Creek

ONEIDA.

1	William J. Sullivan*	Dem	Utica.
2	Louis M. Martin*	Rep	Clinton.
3	Edward M. Marson	Rep	Whitesboro.

ONONDAGA.

1	Edward V Baker	Rep	Marcellus.
2	William Herrick	Dem	Cicero.
3	Abraham Z. Hyman	Dem	Syracuse.
4	John T. Delaney*	Rep	Syracuse.

ONTARIO.

	Jean L. Burnett*	Rep	Canandaigua.

ORANGE.

Dist.	*Names of Members.*	*Politics.*	*P. O. Address.*
1	James G. Graham*	Rep	Newburgh.
2	Louis Bedell*	Rep	Goshen.

ORLEANS.

	William H. Phipps	Rep	Albion.

OSWEGO.

1	Thomas D. Lewis*	Rep	Fulton.
2	Thomas M. Costello*	Rep	Altmar.

OTSEGO.

	Andrew R. Smith	Rep	Springfield Cen.

PUTNAM.

	William W. Everett	Rep	Croton Falls.

QUEENS.

1	Charles C. Wissel*	Dem	Evergreen, L. I.
2	Cyrus B. Gale*	Dem	Jamaica.

QUEENS AND NASSAU.

3	George W. Doughty*	Rep	Inwood.

RENSSELAER.

1	Hugh Galbraith	Rep	Troy.
2	John F. Ahern	Rep	Troy.
3	Michael Russell*	Rep	Troy.

RICHMOND.

	George Metcalfe	Dem	Great Kills.

ROCKLAND.

	Frank P. Demarest	Dem	West Nyack.

ST. LAWRENCE.

1	Charles S. Plank	Rep	Waddington.
2	Benjamin A. Babcock*	Rep	Brasher Falls.

SARATOGA.

	George H. West*	Rep	Ballston Spa.

SCHENECTADY.

	Andrew J. McMillan*	Rep	S. Schenectady.

SCHOHARIE.

	Daniel D. Frisbie	Dem	Middleburg.

SCHUYLER.

	J. Franklin Barnes	Dem	Watkins.

SENECA.

	Israel Y. Larzelere	Rep	Seneca Falls.

STEUBEN.

1	Frank C. Platt	Rep	Painted Post.
2	Hyatt C. Hatch*	Rep	Atlanta.

SUFFOLK.

1	Joseph M. Hallock*	Rep	Southold.
2	Regis H. Post*	Rep	Bayport.

SULLIVAN.

	Edwin R. Dusinbery	Rep	Liberty.

TIOGA.

	Daniel P. Witter*	Rep	Richford.

TOMPKINS.

	Benn Conger	Rep	Groton.

ULSTER.

1	Robert A. Snyder*	Rep	Saugerties.
2	Thomas Snyder	Rep	High Falls.

WARREN.

	Charles H. Hitchcock*	Rep	Glens Falls.

WASHINGTON.

	S. B. Irwin	Rep	West Hebron.

WAYNE.

	Frederick W. Griffith	Rep	Palmyra.

WESTCHESTER.

1	John J. Sloane	Dem.	Yonkers.
2	Alfred W. Cooley	Rep.	Westchester.
3	James K. Apgar*	Rep	Peekskill.

WYOMING

	Charles J. Gardner	Rep	Warsaw.

YATES.

	Edward M. Sawyer*	Rep	Dundee.

* Members of the last Assembly Assemblymen are elected for one year. Salary, $1,500 and mileage.

Republicans	93
Democrats	56
Independent Democrat	1

States and Territories.	Popular Vote.							Electoral Vote.	
	Bryan, Dem.	McKinley, Rep.	Palmer, N. Dem.	Levering, Pro.	Bentley, Nat.	Matchett Soc. L.	Pluralities.	Bryan, Dem.	McKinley, Rep.
Alabama	130,307	54,737	6,462	2,147	.....	.....	75,570 B	11	...
Arkansas	110,103	37,512	.....	839	893	.....	72,591 B	8	...
California	143,373	146,170	2,006	2,573	1,047	1,611	2,797 McK	*1	8
Colorado	161,153	26,271	1	1,717	386	159	134,882 B	4	...
Connecticut	56,740	110,285	4,334	1,868	.....	1,223	53,545 McK	...	6
Delaware	13,424	16,804	877	355	.....	.....	3,630 McK	...	3
Florida	32,736	11,288	654	1,778	.....	.....	21,448 B	4	...
Georgia	94,232	60,091	2,708	5,613	.....	.....	34,141 B	13	...
Idaho	23,192	6,324	.....	179	.....	.....	16,868 B	3	...
Illinois	464,632	607,130	6,390	9,796	793	1,147	142,498 McK	...	24
Indiana	305,573	323,754	2,145	3,056	2,267	324	18,181 McK	...	15
Iowa	223,741	289,293	4,516	3,192	352	453	65,552 McK	...	13
Kansas	171,810	159,541	1,209	1,921	630	.....	12,269 B	10	...
Kentucky	217,890	218,171	5,114	4,781	.....	.....	281 McK	*1	12
Louisiana	77,175	22,037	1,834	.....	.....	.....	55,138 B	8	...
Maine	34,688	80,465	1,870	1,570	.....	.....	45,777 McK	...	6
Maryland	104,735	136,959	2,507	5,918	136	587	32 224 McK	...	8
Massachusetts	105,711	278,976	11,749	2,998	.....	2,114	173,265 McK	...	15
Michigan	236,714	293,582	6,879	5,025	1,995	297	56,868 McK	...	14
Minnesota	139,626	193,501	3,202	4,343	.....	867	53,875 McK	...	9
Mississippi	63,859	5,130	1,071	485	.....	.....	58,729 B	9	...
Missouri	363,667	304,940	2,355	2,169	293	596	58,727 B	17	...
Montana	42,537	10,494	.....	186	.....	.....	32,043 B	3	...
Nebraska	115,880	102,304	2,885	1,193	797	186	13,576 B	8	...
Nevada	8,377	1,938	.....	.....	.....	.....	6,439 B	3	...
New Hampshire	21,650	57,444	3,520	779	49	228	35,794 McK	...	4
New Jersey	133,675	221,367	6,373	5,614	.....	3,985	87,692 McK	...	10
New York	551,369	819,838	18,950	16,052	.....	17,667	268,469 McK	...	36
North Carolina	174,488	155,222	578	675	247	.....	19,266 B	11	...
North Dakota	20,686	26,335	.....	358	.....	.....	5,649 McK	...	3
Ohio	477,494	525,991	1,857	5,068	2,716	1,167	47,497 McK	...	23
Oregon	46,662	48,779	977	919	.....	.....	2,117 McK	...	4
Pennsylvania	433,228	728,300	11,000	19,274	870	1,683	295,072 McK	...	32
Rhode Island	14,459	37,437	1,166	1,160	5	558	22,978 McK	...	4
South Carolina	58,798	9,281	828	.....	.....	.....	49,517 B	9	...
South Dakota	41,225	41,042	.....	685	.....	.....	183 B	4	...
Tennessee	166,268	148,773	1,951	3,098	.....	.....	17,495 B	12	...
Texas	370,434	167,520	5,046	1,786	.....	.....	202,914 B	15	...
Utah	64,517	13,484	21	.....	.....	.....	51,033 B	3	...
Vermont	10,637	51,127	1,331	733	.....	.....	40,490 McK	...	4
Virginia	154,709	135,368	2,129	2,350	.....	108	19,341 B	12	...
Washington	51,646	39,153	1,668	968	148	.....	12,493 B	4	...
West Virginia	92,927	104,414	677	1,203	.....	.....	11,487 McK	...	6
Wisconsin	165,523	268,135	4,584	7,509	346	1,314	102,612 McK	...	12
Wyoming	10,655	10,072	.....	136	.....	.....	583 B	3	...
Total	6,502,925	7,104,779	133,424	132,007	13,969	36,274	.....	176	271

* In both California and Kentucky one Bryan candidate for elector was elected.

Popular Vote, McKinley over Bryan	**603,514**
Popular Vote, McKinley over all	**286,728**
Electoral Vote, McKinley over Bryan	**95**
Straight Fusion Vote for Bryan	**6,257,198**
Straight Populist Vote for Bryan	**245,728**
Total Popular Vote, 1896	**13,923,378**

POPULIST VOTE FOR BRYAN AND WATSON.

The Populist vote in 1896 was divided between the Bryan and Sewall Democratic ticket and the Bryan and Watson Populist ticket. A majority of the Populists voted for the former, and their votes are merged in the aggregate. The following is a statement of the Populist popular vote for Bryan and Watson:

Alabama	24,059	Kansas	46,194	New Hampshire	379	Vermont	458
California	21,744	Maine	2,487	Ohio	26,015	Wyoming	286
Colorado	2,389	Massachusetts	15,181	Pennsylvania	11,174	Total	245,728
Florida	2,058	Mississippi	7,517	Tennessee	4,525		
Illinois	1,090	Nevada	575	Texas	79,572		

For Electoral vote for Vice-President in 1896 see THE WORLD ALMANAC for 1899.

The Electoral Vote in 1900.

THE following is the electoral vote of the States as based upon the Apportionment act of Feb. 7, 1891:

States.	Electoral Votes.	States.	Electoral Votes.	States.	Electoral Votes.	States.	Electoral Votes.
Alabama	11	Kansas	10	Nevada	3	Tennessee	12
Arkansas	8	Kentucky	13	New Hampshire	4	Texas	15
California	9	Louisiana	8	New Jersey	10	Utah	3
Colorado	4	Maine	6	New York	36	Vermont	4
Connecticut	6	Maryland	8	North Carolina	11	Virginia	12
Delaware	3	Massachusetts	15	North Dakota	3	Washington	
Florida	4	Michigan	14	Ohio	23	West Virginia	6
Georgia	13	Minnesota	9	Oregon	4	Wisconsin	12
Idaho	3	Mississippi	9	Pennsylvania	32	Wyoming	3
Illinois	24	Missouri	17	Rhode Island	4		
Indiana	15	Montana	3	South Carolina	9	Total	447
Iowa	13	Nebraska	8	South Dakota	4		

Electoral votes necessary to a choice ..... 224.

Popular and Electoral Vote for President, 1868–92.

States.	1892. Popular Vote. Cleveland, Dem.	Harrison, Rep.	Weaver, Pop.	Bidwell Pro.	Wing, S. Lab.	Pluralities	1892. Electoral Vote. Cleveland, Dem.	Harrison, Rep.	Weaver, Pop.	1888. Electoral Vote. Cleveland, Dem.	Harrison, Rep.	1884. Electoral Vote. Cleveland, Dem.	Blaine, Rep.	1880. Electoral Vote. Hancock, Dem.	Garfield, Rep.	1876. Electoral Vote.‡ Tilden Dem.	Hayes, Rep.	1872. Electoral Vote. §Hendricks, Dem.	Grant, Rep.	1868. Electoral Vote. Seymour, Dem.	Grant, Rep.
Alabama	128,138	9,197	85,181	239	....	52,957 C	11	..	..	10	..	10	..	10	..	10	..	...	10	..	8
Arkansas	87,834	46,884	11,831	113	....	40,950 C	8	..	..	7	..	7	..	6	..	6	..	...	..	..	5
California	118,293	118,149	25,352	8,129	....	144 C	8	1	..	..	8	..	8	5	1	..	6	...	6	..	5
Colorado	.....	38,620	53,584	1,638	....	14,964 W	..	..	4	..	3	..	3	..	3	..	3	...	..	..	..
Connecticut	82,395	77,025	806	4,025	329	5,370 C	6	..	..	6	..	6	..	..	6	6	..	...	6	..	6
Delaware	18,581	18,083	13	565	....	498 C	3	..	..	3	..	3	..	3	..	3	..	..	3	3	..
Florida	30,143	.....	4,843	475	....	25,300 C	4	..	..	4	..	4	..	4	..	..	4	...	4	..	3
Georgia	129,361	48,305	42,937	988	....	81,056 C	13	..	..	12	..	12	..	11	..	11	..	...	..	9	..
Idaho	.....	8,599	10,520	288	....	1,921 W	..	..	3	..	..	..	..	..	..	..	..	...	..	..	..
Illinois	426,281	399,288	22,207	25,870	....	26,993 C	24	..	..	..	22	..	22	..	21	..	21	...	21	..	16
Indiana	262,740	255,615	22,208	13,050	....	7,125 C	15	..	..	..	15	15	..	..	15	15	..	...	15	..	13
Iowa	196,367	219,795	20,595	6,402	....	22,965 H	..	13	..	..	13	..	13	..	11	..	11	...	11	..	8
Kansas	.....	157,237	163,111	4,539	....	5,874 W	..	..	10	..	9	..	9	..	5	..	5	...	5	..	3
Kentucky	175,461	135,441	23,500	6,442	....	40,020 C	13	..	...	13	..	13	..	12	..	12	..	8	..	11	..
Louisiana	87,922	13,282	13,281	....	....	61,359 C	8	..	..	8	..	8	..	8	..	..	8	...	..	7	..
Maine	48,044	62,923	2,381	3,062	....	14,979 H	..	6	..	..	6	..	6	..	7	..	7	...	7	..	7
Maryland	113,866	92,736	796	5,877	....	21,130 C	8	..	..	8	..	8	..	8	..	8	..	8	..	7	..
Mass'chusetts	176,813	202,814	3,210	7,539	649	26,001 H	..	15	..	..	14	..	14	..	13	..	13	...	13	..	12
Michigan	202,296	222,708	19,892	14,089	....	20,412 H	5	9	..	..	13	..	13	..	11	..	11	..	11	..	8
Minnesota	100,920	122,823	29,313	12,182	....	21,903 H*	..	9	..	..	7	..	7	..	5	..	5	...	5	..	4
Mississippi	40,237	1,406	10,256	910	....	29,981 C	9	..	..	9	..	9	..	8	..	8	..	...	8	..	..
Missouri	268,398	226,918	41,213	4,331	....	41,480 C	17	....	..	16	..	16	..	15	..	15	..	6	..	..	11
Montana	17,581	18,851	7,334	549	....	1,270 H	..	3	..	..	..	..	..	..	..	..	..	...	..	..	..
Nebraska	24,943	87,227	83,134	4,902	....	4,093 H	..	8	..	..	5	..	5	..	3	..	3	...	3	..	3
Nevada	714	2,811	7,264	89	....	4,453 W	..	...	3	..	3	..	3	3	..	..	3	...	3	..	3
New Hamp.	42,081	45,658	292	1,297	....	3,547 H	..	4	..	..	4	..	4	..	5	..	5	...	5	..	5
New Jersey	171,042	156,068	969	8,131	1,337	14,974 C	10	..	..	9	..	9	..	9	..	9	..	...	9	7	..
New York	654,868	609,350	16,429	38,190	17,956	45,518 C	36	..	..	..	36	36	..	..	35	35	..	...	35	33	..
N. Carolina	132,951	100,342	44,736	2,636	....	32,609 C	11	..	..	11	..	11	..	10	..	10	...	...	10	..	9
N. Dakota	.....	17,519	17,700	899	....	181 W	1	1	1	..	..	..	..	..	..	..	..	...	..	..	..
Ohio	404,115	405,187	14,850	26,012	....	1,072 H	1	22	...	..	23	..	23	..	22	..	22	...	22	..	21
Oregon	14,243	35,002	†26,965	2,281	....	811 F†	..	3	1	..	3	..	3	..	3	..	3	...	3	3	..
Pennsylvania	452,264	516,011	8,714	25,123	898	63,767 H	..	32	..	..	30	..	30	..	29	...	29	...	29	..	26
Rhode Island	24,335	26,972	228	1,654	....	2,637 H	..	4	..	..	4	..	4	..	4	..	4	...	4	..	4
S. Carolina	54,622	13,345	2,407	....	....	41,347 C	9	..	...	9	..	9	..	7	..	..	7	..	7	..	6
S. Dakota	9,081	34,888	26,544	....	....	8,344 H	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..
Tennessee	138,874	100,331	23,447	4,851	....	38,543 C	12	..	..	12	..	12	...	12	..	12	..	12	..	..	10
Texas	239,148	81,444	99,688	2,165	....	139,460 C	15	..	..	13	..	13	..	8	..	8	..	8	..	..	..
Vermont	16,325	37,992	43	1,415	....	21,667 H	...	4	..	..	4	..	4	..	5	..	5	...	5	..	5
Virginia	163,977	113,262	12,275	2,738	....	50,715 C	12	..	..	12	..	12	..	11	..	11	..	..	11	..	..
W. Virginia	29,802	36,460	19,165	2,542	....	6,658 H	..	4	..	6	..	6	..	5	..	5	..	...	5	..	5
Washington	84,467	80,293	4,166	2,145	....	4,174 C	6	..	..	..	..	..	..	..	..	..	..	...	..	..	..
Wisconsin	177,335	170,791	9,909	13,132	....	6,544 C	12	..	..	..	11	..	11	..	10	..	10	...	10	..	8
Wyoming	.....	8,454	7,722	530	....	732 H	..	3	..	..	..	..	..	..	..	..	..	...	..	..	..
Total	5,556,918	5,176,108	1,041,028	264,133	21,161	....	277	145	22	168	233	219	182	155	214	184	185	42	286	80	214
Plurality	380,810	.....	.....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

* Harrison over Fusion vote. † Highest vote was for a Democratic and Populist Fusion elector; see ALMANAC for 1896, page 414. ‡ Count of the Electoral Commission. § In 1872 Horace Greeley, Democrat and Liberal Republican candidate for President, having died before the electoral vote was cast, the Greeley electors voted as above for Thomas A. Hendricks in five States.

Election Returns.

BY STATES, COUNTIES, AND CONGRESSIONAL DISTRICTS.

ALABAMA.

Counties. (66.)	Governor, 1898. Johnston, Dem.	Deans, Pop.	President, 1896. Bryan, Dem. and Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Autauga	452	98	1,281	289	90	11
Baldwin	1,166	63	726	404	34	17
Barbour	2,246	399	2,657	1,437	315	29
Bibb	1,277	1,021	1,516	650	39	30
Blount	1,952	1,646	2,422	2,619	40	30
Bullock	1,122	105	1,867	749	131	16
Butler	1,536	1,923	1,809	846	88	27
Calhoun	2,646	1,580	2,788	1,222	171	115
Chambers	3,670	1,373	2,010	1,057	63	27
Cherokee	1,184	1,190	1,776	602	89	18
Chilton	917	1,028	1,131	310	52	22
Choctaw	836	1,346	1,485	357	50	11
Clarke	1,310	97	2,243	502	25	22
Clay	1,428	1,310	1,410	489	37	25
Cleburne	958	816	993	472	21	33
Coffee	1,189	947	1,494	114	52	24
Colbert	2,079	1,014	1,658	1,754	93	14
Conecuh	888	1,072	931	881	155	41
Coosa	1,282	1,371	1,293	499	49	39
Covington	981	669	1,106	69	16	16
Crenshaw	1,387	1,336	808	330	164	28
Cullman	1,130	600	1,202	447	140	27
Dale	1,636	1,446	2,155	289	94	50
Dallas	2,933	33	4,091	519	52	10
De Kalb	1,902	1,224	1,586	1,446	46	28
Elmore	1,865	1,786	1,923	1,379	119	46
Escambia	991	373	914	482	82	20
Etowah	1,685	1,396	1,782	873	109	36
Fayette	960	827	1,222	441	39	14
Franklin	991	848	1,108	483	33	17
Geneva	776	1,040	1,246	46	39	21
Greene	1,324	32	1,864	503	24	15
Hale	1,515	120	2,906	933	77	43
Henry	2,811	2,118	3,060	675	246	46
Jackson	2,117	504	3,556	675	117	31
Jefferson	5,020	982	8,819	3,394	450	369
Lamar	1,650	422	1,263	509	69	22
Lauderdale	2,045	532	2,300	1,024	45	15
Lawrence	1,270	1,200	1,248	1,635	31	45
Lee	2,693	960	1,737	1,491	153	41
Limestone	1,653	242	1,812	1,520	27	23
Lowndes	3,965	48	3,001	642	40	6
Macon	803	15	1,043	259	58	5
Madison	3,408	162	4,056	2,548	103	46
Marengo	1,735	90	3,168	764	62	13
Marion	1,219	484	1,201	502	23	3
Marshall	1,447	1,637	1,944	520	37	33
Mobile	1,678	230	3,948	2,778	482	149
Monroe	1,191	69	..	..	..	..
Montgomery	2,616	45	2,653	977	526	44
Morgan	2,124	1,113	2,128	1,462	195	52
Perry	1,453	45	2,682	463	34	10
Pickens	2,019	1,131	2,210	211	66	17
Pike	1,456	1,131	2,077	862	292	43
Randolph	1,594	685	1,442	802	55	22
Russell	904	21	1,645	773	35	3
Shelby	1,224	1,597	1,582	1,051	65	19
St. Clair	701	1,467	1,604	603	47	25
Sumter	869	21	1,834	1,459	186	18
Talladega	2,096	765	1,854	922	49	40
Tallapoosa	3,059	1,575	2,691	685	106	81
Tuscaloosa	2,466	1,636	2,151	905	79	51
Walker	1,944	811	1,244	1,101	22	22
Washington	1,017	163	646	224	46	10
Wilcox	2,159	34	2,956	45	45	3
Winston	666	97	349	589	6	5
Total	110557	50,052	130307	54,737	6,462	2,147
Plurality	60,505	..	75,570	..	..	..
Per cent	66.93	33.07	67.44	28.13	3.321	1.103
Scattering	4,411		....			
Whole vote.	165,020		194,572			

ALABAMA—*Continued.*

The scattering vote for Governor in 1898 was: A. J. Warner, Negro Rep., 3,084; W. B. Witherspoon, Pro., 1,327.

Bryan's Democratic vote in 1896 was 105,390, and the Populist vote, 24,917.

Vote for State officers, August, 1896: For Governor, Joseph F. Johnston, Dem., 128,541; Goodwyn, Rep. and Pop., 89,290. Johnston's majority, 39,251.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Choctaw, Clarke, Marengo, Mobile, Monroe, and Washington. Geo. W. Taylor, Dem., 5,986; A. N. Johnson, Rep., 1,061. Taylor's majority, 4,925.

II. Counties of Baldwin, Butler, Conecuh, Covington, Crenshaw, Escambia, Montgomery, Pike, and Wilcox. J. F. Stallings, Dem., 9,145; F. Simmons, Rep., 1,620; J. H. Giddens, Ind., 209. Stallings' plurality, 7,525

III. Counties of Barbour, Bullock, Coffee, Dale, Geneva, Henry, Lee, and Russell. H. D. Clayton, Dem., 8,287; J. N. Fitzpatrick, Ind., 262. Clayton's majority, 8,025.

IV. Counties of Calhoun, Chilton, Cleburne, Dallas, Shelby, and Talladega. F. A. Robbins, Dem., 6,915; W. F. Aldrich, Rep., 5,685. Robbins' majority, 1,230.

V. Counties of Autauga, Chambers, Clay, Coosa, Elmore, Lowndes, Macon, Randolph, and Tallapoosa. Willis Brewer, Dem., 8,842; D. Smith, Rep., 2,504. Brewer's majority, 6,338.

VI. Counties of Fayette, Greene, Lamar, Marion, Pickens, Sumter, Tuscaloosa, and Walker. John H. Bankhead, Dem., 7,009; D. Cooper, Rep., 2,942. Bankhead's majority, 4,067.

VII. Counties of Cherokee, Cullman, De Kalb, Etowah, Franklin, Marshall, St. Clair, and Winston. J. L. Burnett, Dem., 6,949; O. B. Street, Rep., 5,032; F. H. Lathrop, Pop., 3,992. Burnett's plurality, 1,917.

VIII. Counties of Colbert, Jackson, Lauderdale, Lawrence, Limestone, Madison, and Morgan. Joseph Wheeler, Dem., 6,368. No opposition.

IX. Counties of Bibb, Blount, Hale, Perry, and Jefferson. Oscar W. Underwood, Dem., 7,155; J. G. McEnery, Rep., 1,302; L. L. Schwarz, Ind., 160. Underwood's plurality, 5,853.

PRESENT STATE GOVERNMENT.

Governor, Joseph F. Johnston; Secretary of State, R. P. McDavid; Treasurer, Geo. W. Ellis; Auditor and Comptroller, Walter S. White; Adjutant-General, W. W. Brandon; Attorney-General, C. G. Brown; Superintendent of Education, J. W. Abercrombie; Commissioner of Agriculture, Isaac F. Culver—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Thomas N. McClellan; Associate Justices, Jonathan Haralson, John R. Tyson, Henry A. Sharpe, and James R. Dowdell; Clerk, R. F. Ligon, Jr.—all Democrats.

STATE LEGISLATURE, 1899.

The Legislature is overwhelmingly Democratic.

ALABAMA—*Continued.*

VOTE OF THE STATE SINCE 1872.

	Dem.	Rep.	Gr.	Pro.	Plu.
1872. President..	79,229	90,272	....	....	*10,974 R
1876. President..	102,002	68,230	....	....	*33,772 D
1880. President..	90,687	55,178	4,642	....	34,509 D
1882. Governor..	100,591	46,386	....	....	*54,199 D
1884. President..	92,973	59,144	762	....	33,829 D
1886. Governor..	144,821	37,116	....	576	107,621 D
1888. Governor..	155,973	44,770	....	343	111,203 D
1888. President..	117,320	56,197	....	583	61,123 D
1890. Governor..	139,910	42,440	....	1,380	97,470 D
			* Pop.		
1893. Governor..	126,959	....	115,522	....	11,437 D
1892. President..	138,138	9,197	85,181	239	52,957 D
1894. Governor..	110,865	....	83,283	....	*27,582 D
			R. & Pop.		
1896. Governor..	128,541	89,290	....	....	*39,251 D
		Rep.	N. D.		
1896. President..	130,307	54,737	6,462	2,147	75,570 D
1898. Governor..	111,936	52,164	....	....	59,772 D

* Majority.

ARIZONA.

Counties. (11.)	Congress, 1896.			Congress, 1894.		
	Smith, Dem.	Doran, Rep.	O'Neill Pop.	Herndon, Dem.	Murphy, Rep.	O'Neill Pop.
Apache	237	230	18	432	471	70
Cochise	521	262	357	340	481	329
Coconino	368	415	225	354	441	166
Gila	302	140	380	161	118	266
Graham	791	264	241	568	456	188
Maricopa	1,414	1,063	738	1,124	1,331	727
Mohave	187	43	315	111	110	278
Navajo	224	246	41	..	..	..
Pima	618	413	275	556	667	213
Pinal	271	148	104	186	304	113
Yavapai	921	767	1,063	813	1,103	523
Yuma	221	99	138	128	166	133
Total	6,065	4,090	3,895	4,773	5,648	3,006
Plurality	1,975	..	..	..	875	..
Per cent	43.16	29.11	27.73	35.81	42.40	21.78
Whole vote.		14,050			13,427	

Delegate to Congress, elected 1898: J. F. Wilson, Dem., received 8,212 votes to 7,384 votes cast for A. O. Brodie, Rep.

JUDICIARY.

Supreme Court: Chief Justice, Webster Street; Associate Justices, Richard E. Sloan, Fletcher M. Doan, George R. Davis; Clerk, Lloyd Johnston—all Republicans.

PRESENT TERRITORIAL GOVERNMENT.

Governor, N. O. Murphy; Secretary, Charles H. Akers; Treasurer, T. W. Pemberton; Auditor, G. W. Vickers; Adjutant-General, H. P. Robinson; Attorney-General, C. A. Ainsworth; Superintendent of Education, R. L. Long—all Republicans.

TERRITORIAL LEGISLATURE, 1899.

	Council.	House.
Democrats	8	13
Republicans	4	11
Democratic majority	4	2

VOTE OF THE TERRITORY SINCE 1878.

	Dem.	Rep.	Gr.	Ind.	Maj.
1878	2,542	....	1,097	822	*1,445 D
1880	4,095	3,606	....	....	489 D
1882	6,121	5,141	....	....	980 D
1884	5,595	6,747	....	....	1,152 R
1886	6,355	4,472	....	....	1,883 D
1888	7,686	3,852	....	....	3,834 D
1890	6,137	4,941	....	....	1,196 D
1892	7,152	5,171	....	....	1,981 D
			Pop.		
1894	4,773	5,648	3,006	....	*875 R
1896	6,065	4,090	3,895	....	*1,975 D

* Plurality.

ARKANSAS.

Counties. (75.)	Governor, 1898.			President, 1896.		
	Jones, Dem.	Auten, Rep.	Morgan, Pop.	Bryan, Dem. & Pop.	McKinley Rep.	Levering, Pro.
Arkansas	974	539	41	1,175	550	11
Ashley	532	214	12	1,769	405	72
Baxter	539	182	18	980	262	2
Benton	1,654	646	141	3,548	685	21
Boone	865	360	36	1,730	573	13
Bradley	525	13	17	976	185	2
Calhoun	410	33	6	910	216	2
Carroll	1,056	617	75	1,790	875	21
Chicot	*656	48	..	418	258	67
Clark	1,123	566	730	1,910	833	25
Clay	1,119	382	116	1,537	475	12
Cleburne	803	103	228	1,047	108	4
Cleveland	554	82	35	1,269	221	8
Columbia	858	165	34	2,159	537	7
Conway	1,290	506	27	2,255	656	11
Craighead	1,513	288	134	1,890	329	3
Crawford	1,782	1,367	103	1,870	1,311	10
Crittenden	663	46	7	625	258	5
Cross	427	92	9	908	224	1
Dallas	555	248	58	1,032	479	2
Desha	269	28	3	396	290	9
Drew	891	398	117	1,754	603	6
Faulkner	1,421	331	379	2,044	556	8
Franklin	1,152	348	115	1,746	424	38
Fulton	874	286	63	1,259	332	1
Garland	1,197	491	48	1,465	703	36
Grant	649	66	18	801	125	3
Greene	1,108	243	84	1,627	262	4
Hempstead	1,560	962	50	1,832	1,203	19
Hot Spring	707	131	120	1,331	292	12
Howard	777	165	117	1,392	294	2
Independence	1,502	513	421	2,089	567	11
Izard	1,003	264	60	1,507	285	13
Jackson	1,191	511	33	1,585	588	9
Jefferson	1,766	874	65	1,653	1,050	20
Johnson	1,223	394	172	1,831	491	6
Lafayette	578	341	34	608	423	3
Lawrence	1,241	299	162	1,679	337	14
Lee	1,610	679	..	1,946	213	19
Lincoln	1,037	143	42	1,026	236	1
Little River	820	260	52	852	273	7
Logan	1,359	825	62	1,786	946	3
Lonoke	1,686	550	162	2 300	437	13
Madison	1,557	1,189	27	1,689	1,260	17
Marion	724	221	16	1 212	336	3
Miller	703	258	98	1,073	565	5
Mississippi	1,019	172	35	815	168	..
Monroe	615	152	12	1 019	426	60
Montgomery	551	136	87	1,008	220	..
Nevada	985	371	438	1,669	469	7
Newton	488	661	29	659	733	8
Ouachita	1,019	702	36	1,366	1,029	9
Perry	498	153	44	678	217	2
Phillips	960	62	..	1,085	815	35
Pike	712	164	218	864	231	1
Poinsett	558	111	15	572	130	7
Polk	786	287	400	1,004	51	8
Pope	1,430	534	77	2,315	762	7
Prairie	851	430	34	1,145	633	2
Pulaski	1,973	769	56	3 021	1,754	45
Randolph	1,730	343	66	1,915	307	..
Saline	1,069	133	71	1,417	268	..
Scott	767	187	119	1,260	264	6
Searcy	620	715	13	615	737	2
Sebastian	1,784	675	113	2,622	1,009	17
Sevier	814	191	267	1,166	170	3
Sharp	769	198	104	1,383	230	2
St. Francis	512	140	20	1,087	455	5
Stone	478	143	111	728	172	2
Union	984	68	51	1,749	148	31
Van Buren	805	406	145	846	374	6
Washington	1,840	962	297	3,208	1,197	23
White	1,901	496	1,081	2,876	559	8
Woodruff	1,011	306	15	1,478	620	4
Yell	1,553	659	31	2,261	812	8
Total	75,362	27,524	8,382	110103	37,512	839
Plurality	47,838	..	..	72,591	..	..
Per cent	67.76	24.75	7.49	73.75	25.13	0.55
Whole vote.		111,218			149,347	

Bentley, Nat. Pro., received 693 votes in 1896.

ARKANSAS—*Continued.*

VOTE FOR STATE OFFICERS, 1896.

The vote for Governor in 1896 was: D. W. Jones, Dem., 91,114; H. L. Remmel, Rep., 35,836; A. W. Files, Pop., 13,990; J. W. Miller, Pro., 851. Jones' plurality, 55,278. The vote for Secretary of State was: A. C. Hull, Dem., 95,999; H. A. Reynolds, Rep., 40,319. Hull's majority, 55,680.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.
Districts.

I. Counties of Clay, Craighead, Crittenden, Cross, Greene, Jackson, Lawrence, Lee, Mississippi, Phillips, Poinsett, Randolph, Sharp, St. Francis, and Woodruff. P. D. McCulloch, Jr., Dem., 4,103; scattering, 38. McCulloch's majority, 4,065.

II. Counties of Bradley, Cleveland, Dallas, Drew, Garland, Grant, Hot Spring, Jefferson, Lincoln, Montgomery, Polk, Saline, Scott, and Sebastian. John S. Little, Dem., 3,415; scattering, 8. Little's majority, 3,407.

III. Counties of Ashley, Calhoun, Chicot, Clark, Columbia, Desha, Hempstead, Howard, Lafayette, Little River, Miller, Nevada, Ouachita, Pike, Sevier, and Union. Thomas C. McRae, Dem., 3,866; scattering, 1. McRae's majority, 3,865.

IV. Counties of Conway, Franklin, Johnson, Logan, Perry, Pope, Pulaski, and Yell. W. L. Terry, Dem., 3,665; scattering, 37. Terry's majority, 3,628.

V. Counties of Benton, Boone, Carroll, Crawford, Faulkner, Madison, Newton, Searcy, Van Buren, and Washington. Hugh A. Dinsmore, Dem., 6,423; J. T. Hopper, Rep., 2,706. Dinsmore's majority, 3,717.

VI. Counties of Arkansas, Baxter, Cleburne, Fulton, Independence, Izard, Lonoke, Marion, Monroe, Prairie, Stone, and White. S. Brundidge, Jr., Dem., 2,732; scattering, 4. Brundidge's majority 2,728.

PRESENT STATE GOVERNMENT.

Governor, Daniel W. Jones; Secretary of State, Alex. C. Hull; Treasurer, Thomas E. Little; Auditor, Clay Sloan; Attorney-General, Jefferson Davis; Superintendent of Education, J. J. Doyne; Commissioner of Agriculture, Frank Hill; Land Commissioner, J. W. Colquitt—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Henry G. Bunn; Justices, Simon P. Hughes, C. D. Wood, Burrill B. Battle, and James E. Riddick; Clerk of the Court, P. D. English—all Democrats.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	32	98	130
Republicans	..	2	2
Democratic majority	32	96	128

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Wheel.*	*Maj.*
1872. Pres...	37,927	41,073	....	....	3,146 R
1874. Cong...	40,928	22,787	....	....	18,151 D
1876. Pres...	58,083	38,669	...	....	19,414 D
1878 Cong...	32,652	....	18,967	....	13,685 D
1880. Pres ..	60,895	42,549	4,079	....	*18,316 D
1882. Gov. ..	87,675	49,352	10,142	....	*38,323 D
1884. Pres...	72,927	50,895	1,847	...	*22,032 D
1886. Gov....	90,650	54,070	....	19,169	*36,580 D
			U.Lab.	*Pro.*	
1888. Gov....	99,229	....	84,223	....	15,006 D
1888. Pres...	85,962	58,752	10,613	641	*27,210 D
1889. Sup.Ct.	52,925	41,615	....	....	11,310 D
1890. Gov....	106,267	....	85,181	....	21,086 D
			Pop.		
1892. Pres...	87,834	46,884	11,831	113	*40,950 D
1894. Gov....	74,809	26,055	24,541	1,551	*48,724 D
1896. Gov....	91,114	35,836	13,990	851	*55,278 D
1896. Pres...	110,103	37,512	....	839	*72,591 D
1898. Gov....	75,362	27,524	8 332	679	*47,838 D

* Plurality.

CALIFORNIA.

Counties. (57.)	Governor, 1898. Maguire. Fus.	Gage, Rep.	McComas, Pro.	Harriman, Soc L.	President, 1896. Bryan, Dem. & Pop.	McKinley Rep.
Alameda	8,308	12,080	220	496	8,316	13,378
Alpine	28	64	..	..	39	338
Amador	1,304	1,351	27	24	1,390	1,142
Butte	2,012	2,245	69	43	2,114	2,084
Calaveras	1,432	1,609	16	23	1,511	1,522
Colusa	1,076	664	18	30	1,243	569
Contra Costa	1,472	1,893	29	22	1,370	1,825
Del Norte	305	354	9	13	328	343
El Dorado	1,415	1,332	26	34	1,667	1,124
Fresno	3,590	2,783	152	117	3,429	2,777
Glenn	828	561	14	7	825	473
Humboldt	2,207	3,171	84	123	2,462	3,167
Inyo	508	478	17	13	532	286
Kern	1,886	1,723	21	67	1,765	1,405
Kings	898	918	27	11	868	714
Lake	757	627	50	30	850	550
Lassen	438	558	14	16	524	417
Los Angeles	12,052	14,983	1,138	479	16,015	16,839
Madera	765	558	16	17	744	455
Marin	945	1,345	8	47	877	1,450
Mariposa	747	521	19	13	801	563
Mendocino	2,188	2,004	56	25	2,410	2,067
Merced	1,074	801	32	18	1,119	639
Modoc	549	375	8	12	575	300
Mono	241	335	3	2	314	253
Monterey	2,050	1,995	77	54	2,137	1,860
Napa	1,578	1,947	47	41	1,473	2,028
Nevada	1,971	2,577	50	19	2,137	1,981
Orange	1,781	1,992	177	32	1,709	1,900
Placer	1,808	2,216	34	26	1,463	1,885
Plumas	544	660	8	8	585	674
Riverside	1,518	2,118	179	69	1,679	2,054
Sacramento	3,414	5,689	57	102	4,837	4,610
San Benito	984	738	19	14	963	732
S. Bernardino	2,506	2,688	223	98	2,740	2,811
San Diego	3,259	3,506	144	208	3,800	3,507
San Francisco	24,632	28,218	134	1,388	30,512	30,820
San Joaquin	3,018	3,894	80	121	3,480	3,461
S. Luis Obispo	1,828	1,557	65	31	2,063	1,671
San Mateo	1,098	1,587	14	36	992	1,509
Santa Barbara	1,736	2,072	95	85	1,916	1,900
Santa Clara	4,883	6,821	179	292	5,218	6,494
Santa Cruz	2,081	2,149	78	93	1,948	1,954
Shasta	2,028	1,598	52	71	1,908	1,193
Sierra	480	757	4	5	527	704
Siskiyou	1,722	1,737	21	38	1,711	1,405
Solano	2,262	3,005	52	95	2,284	2,703
Sonoma	3,587	4,063	83	100	3,560	4,005
Stanislaus	1,336	1,127	38	21	1,385	907
Sutter	704	880	20	13	710	794
Tehama	1,170	1,088	15	25	1,151	963
Trinity	584	687	7	14	488	493
Tulare	2,245	1,725	74	204	2,675	1,418
Tuolumne	1,598	1,219	49	42	1,300	835
Ventura	1,369	1,643	81	57	1,466	1,550
Yolo	1,651	1,695	48	33	1,761	1,476
Yuba	1,011	1,273	20	16	1,007	1,204
Total	129261	148354	4,297	5,143	143373	146170
Plurality		19,093	..	..	..	2,797
Per cent	45.03	51.68	1.49	1.79	48.36	49.29
Scattering		9			7,237	
Whole vote		287,064			296,503	

In 1898 the Republicans and United Labor combined on Gage, and the Democrats, People's Party, and Silver Republicans supported Maguire.

Bryan's Populist vote was 21,744. One Bryan elector, J. W. Martin, was elected by a plurality of 148 votes. The scattering vote for President in 1896 was: Palmer, Nat. Dem., 2,006; Levering, Pro., 2,573; Bentley, Nat. Pro., 1,047; Matchett, Soc. L., 1,611.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.
Districts.

I. Counties of Del Norte, Humboldt, Lassen, Marin, Mendocino, Modoc, Napa, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, and Trinity. Emmett Seawell, Fus., 18,244; John A. Barham, Rep., 19,598. Barham's majority, 1,354.

CALIFORNIA—*Continued.*

II. Counties of Alpine, Amador, Butte, Calaveras, Eldorado, Inyo, Mariposa, Mono, Nevada, Placer, Sacramento, San Joaquin, Sutter, Tuolumne, and Yuba. Marion De Vries, Fus., 25,196; Frank D. Ryan, Rep., 20,400. De Vries' majority, 4,796.

III. Counties of Alameda, Colusa, Contra Costa, Glenn, Lake, Solano, and Yolo. John A. Jones, Fus., 14,051; Victor H. Metcalf, Rep., 20,592; T. F. Burns, Soc. L., 1,309. Metcalf's plurality, 6,541.

IV County of San Francisco (part). James H. Barry, Fus., 12,084; Julius Kahn, Rep., 13,695; J. P. Kelly, Ind. D., 594; W. J. Martin, Soc. L., 1,006 Kahn's plurality, 1,611.

V. Counties of San Francisco (part), San Mateo, and Santa Clara. William Craig, Fus., 17,352; Eugene F. Loud, Rep., 20,254; E. T. Kingsley, Soc. L., 1,532. Loud's plurality, 2,902.

VI. Counties of Los Angeles, Monterey, San Luis Obispo, Santa Barbara, Santa Cruz, and Ventura. C. A. Barlow, Fus., 20,499; Russel J. Waters, Rep., 24,050; J. T. Van Ransselaer, Soc. L., 1,132. Waters' plurality, 3,551.

VII. Counties of Fresno, Kern, Kings, Madera, Merced, Orange, Riverside, San Benito, San Bernardino, San Diego, Stanislaus, and Tulare. Curtis H. Castle, Fus., 20,680; James C. Needham, Rep., 20,793. Needham's majority, 113.

PRESENT STATE GOVERNMENT.

Governor, H. T. Gage; Lieutenant-Governor, J. H. Neff; Secretary of State, C. F. Curry: Treasurer, T. Reeves; Comptroller, E. P. Colgan; Adjutant-General, W. H. Seamans; Attorney-General, T. L. Ford; Superintendent Education, T. J. Kirk; Surveyor-General, M. J. Wright—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, W. H. Beatty; Associate Justices, T. B. McFarland, C. H. Garoutte, R. C. Harrison, W. Van Dyke, F. W. Henshaw, Jackson Temple—all Republicans except Temple and Van Dyke; Clerk, G. W. Root, Republican.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	26	59	85
Democrats	14	19	33
Populists	..	2	2
Independent	..	1	1
Republican majority	12	37	49

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Amer.*	*Pro.*	*Gr.*	*Maj.*
1872. Pres..	40,749	54,044	....	....	....	13,295 R
1876. Pres..	76,464	79,264	....	....	....	2,800 R
1880. Pres..	80,472	80,370	....	....	3,404	*102 D
1884. Pres..	89,288	102,416	....	2,920	2,017	*13,128 R
1886. Gov..	84,970	84,318	7,347	6,432	12,227	*652 D
1888. Pres..	117,729	124,816	1,591	5,761	....	*7,087 R
1890. Gov..	117,184	125,129	10,073	....	....	*7,945 R
			Pop.		*Ind*	
1892. †Pres	118,293	118,149	25,352	8,129	....	*144 D
1894. Gov..	111,944	110,738	51,304	10,561	....	1,206 D
1894. Sec...	86,443	126,541	49,734	8,262	2,405	40,098 R
			N. D.			
1896. Pres..	143,373	146,170	2,006	2,573	....	*2,797 R
			Soc. L.			
898. Gov..	129,261	148,354	5,143	4,297	....	19,093 R

*Plurality. †8 Dem. and 1 Rep. electors were chosen.

COLORADO.

Counties. (56.)	Governor, 1898. Thomas, Fus.	Wolcott, Rep.	President, 1896. Bryan, Fus.	McKinley Rep.	Levering, Pro.
Arapahoe	23,858	13,038	43,000	6,048	374
Archuleta	228	276	392	141	3
Baca	90	127	135	125	2
Bent	387	325	599	196	11
Boulder	4,069	1,866	6 165	1,030	117
Chaffee	1,614	474	2 620	140	7
Cheyenne	79	99	105	87	..
Clear Creek	1,851	341	3 356	101	8
Conejos	653	1,390	2,394	96	1
Costilla	468	1,127	1 057	368	6
Custer	711	250	988	167	4
Delta	952	345	1,631	139	38
Dolores	436	39	678	11	1
Douglas	684	406	1,059	172	8
Eagle	705	198	1.164	53	5
Elbert	537	343	761	273	6
El Paso	10,596	5,745	18,065	6,245	296
Fremont	2,413	1,646	4,382	637	101
Garfield	1,447	412	2 078	172	26
Gilpin	1,776	952	2.579	269	18
Grand	163	40	250	12	1
Gunnison	1,287	631	2,343	152	6
Hinsdale	483	95	707	19	4
Huerfano	800	1,930	1 936	928	2
Jefferson	2,130	1,252	3 244	300	64
Kiowa	145	100	155	133	2
Kit Carson	176	263	243	252	8
Lake	3,763	1,837	6,634	263	11
La Plata	1,567	394	2,790	88	5
Larimer	1,917	1,337	3,244	744	113
Las Animas	3,759	1,860	5,530	1,124	35
Lincoln	121	127	210	123	1
Logan	412	372	627	285	32
Mesa	1,423	715	618	212	8
Mineral	635	130	827	11	2
Montezuma	497	84	846	33	1
Montrose	759	325	1,371	182	15
Morgan	460	404	2.411	469	93
Otero	1,326	760	2,183	424	40
Ouray	1,939	135	2,204	38	3
Park	933	360	1,569	149	6
Phillips	180	188	337	196	2
Pitkin	1,567	455	3 805	28	2
Prowers	423	483	562	304	15
Pueblo	4,275	3,447	8,419	1,319	54
Rio Blanco	335	92	468	52	1
Rio Grande	1,040	395	1 431	176	21
Routt	1,005	209	1,124	122	2
Saguache	857	550	1 190	175	1
San Juan	1,012	211	1,574	17	2
San Miguel	1,232	517	2 195	87	4
Sedgwick	74	139	217	130	7
Summit	730	127	1 348	30	2
Washington	159	218	184	220	14
Weld	2,595	1,319	4,695	879	95
Yuma	248	153	454	180	11
Total	93,972	51,051	161153	26,271	1,717
Plurality	42,921	..	134882	..	..
Per cent	60.76	32.79	84.96	13.84	0.90
Scattering	....			546	
Whole vote	145,023			189,687	

In 1897 the Democrats and Populists united on a Fusion ticket for Supreme Judge and in 1898 for Governor.

Bryan's Democratic vote was 158,880; his Populist vote, 2,273.

The scattering vote for President in 1896 was: Bentley, Nat. Pro., 386; Matchett, Soc. L., 159; Palmer, Nat. Dem., 1.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Arapahoe, Boulder, Jefferson, Lake, Larimer, Logan, Morgan, Park, Phillips, Sedgwick, Washington, Weld, and Yuma. John F. Shafroth, Fus., 43,111; Charles Hartzell, Rep., 18,580. Shafroth's majority, 24,531.

COLORADO—*Continued.*

II. Counties of Archuleta, Baca, Bent, Chaffee, Cheyenne, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Kiowa, Kit Carson, La Plata, Las Animas, Lincoln, Mesa, Montezuma, Mineral, Montrose, Otero, Ouray, Pitkin, Prowers, Pueblo, Rio Blanco, Rio Grande, Routt, Saguache, San Juan, San Miguel, and Summit. John C. Bell, Fus., 52,372; B. Clark Wheeler, Rep., 27,583. Bell's majority, 24,789.

PRESENT STATE GOVERNMENT.

Governor, Chas. S. Thomas, Dem.; Lieutenant-Governor, Francis Carney, Pop.; Secretary of State, E. F. Beckwith, Pop.; Treasurer, John F. Fesler, Rep.; Auditor, Geo. W. Temple, Rep.; Adjutant-General, J. C. Overmyer, Dem.; Attorney-General, D. M. Campbell, Rep.; Superintendent of Education, Helen Grenfell, Rep.

JUDICIARY.

Supreme Court: Chief Justice, John Campbell, Rep.; Justices, Luther M. Goddard, Dem.; William H. Gabbert, Dem.; Clerk, H. G. Clark, Rep.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	9	21	30
Republicans	2	6	8
Populists	9	20	29
Silver	15	18	33

VOTE OF THE STATE SINCE ITS ADMISSION.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Maj.*
1876. Governor	13,316	14,154	....	....	838 R
1880. President	24,647	27,450	1,435	....	*2,803 R
1882. Governor	29,897	27,552	....	....	2,345 D
1884. President	27,723	36,290	1,958	....	*8,567 R
1886. Governor	28,129	26,533	....	2,710	*1,596 D
			U. Lab.		
1888. President	37,567	50,774	2,191	1,266	*13,207 R
	Fusion.†				
1892. President	53,585	38,620	....	1,638	*14,964 F
	Dem.	*Rep.*	*Pop.*	*Pro.*	*Plu.*
1894. Sup. Court	9,634	90,843	76,487	....	24,356 R
	Fusion.				
1896. President	161,153	26,271	....	1,717	134,882 F
1897. Sup. Court	68,888	64,947	....	....	3,941 F
1898. Governor	93,972	51,051	....	....	42,921 F

* Plurality. † Fusion of Pops. and Silver Dems.

CONNECTICUT.

Counties. (8.)	Governor, 1898.				President, 1896.	
	Morgan, Dem.	Lounsbury, Rep.	Steele, Pro.	Stodel Soc. L.	Bryan, Dem.	McKinley Rep.
Hartford	11,705	16,537	342	841	9,726	24,489
New Haven	21,070	22,050	278	1,175	20,212	30,261
New London	6,637	7,895	250	42	5,771	10,081
Fairfield	13,573	16,934	132	477	12,463	22,396
Windham	2,115	4,093	82	3	1,927	5,423
Litchfield	4,505	6,508	173	6	3,352	8,395
Middlesex	3,010	4,398	127	24	2,245	5,664
Tolland	1,612	2,600	76	298	1,044	3,576
Total	64,277	81,015	1,460	2,866	56,740	110285
Plurality	...	16,738	...	..	...	53 545
Per cent	42.93	54.16	0.98	1.91	32.54	63.24
Scattering	13				7,365	
Whole vote	149,581				174,390	

The scattering vote for President in 1896 was: Palmer, Nat. Dem., 4,334; Levering, Pro., 1,808; Matchett, Soc. L., 1,223.

In 1897 a constitutional provision that all voters must be able to read in the English language was adopted by an overwhelming majority of the popular vote.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Hartford and Tolland. Robert J. Vance, Dem., 13,520; E. Stevens Henry, Rep., 18,818; J. Powell, Soc. L., 1,118; E. L. G. Hohenthal, Pro., 413. Henry's plurality, 5,298.

CONNECTICUT—*Continued.*

II Counties of Middlesex and New Haven. James H. Webb, Dem., 23,556; Nehemiah D. Sperry, Rep., 27,004; G. Mansfield, Soc. L., 1,128; M. R. Kerr, Pro., 380. Sperry's plurality, 3,448.

III. Counties of New London and Windham. Charles F. Thayer, Dem., 8,507; Charles A. Russell, Rep., 12,218; Stephen Crane, Pro., 315. Russell's plurality, 3,711.

IV. Counties of Fairfield and Litchfield. Charles P. Lyman, Dem., 17,.54; Ebenezer J. Hill, Rep., 23,707; S. Murgatroyd, Soc. L., 491; C. L. Beach, Pro., 301. Hill's plurality, 5,953.

PRESENT STATE GOVERNMENT.

Governor, George E. Lounsbury; Lieutenant-Governor, Lyman A. Mills; Secretary of State, Huber Clark; Treasurer, Charles S. Mersick; Comptroller, Thompson S. Grant; Attorney-General, Charles Phelps; Adjutant-General, Louis N. Van Keuren; Insurance Commissioner, Edwin L. Scofield—all Republicans.

JUDICIARY.

Supreme Court of Errors: Chief Justice, Chas. B. Andrews, Rep.; Associate Justices, David Torrance, Rep.; Frederic B. Hall, Rep.; Simeon E. Baldwin, Dem., and William Hamersley, Dem.; Clerk, George A. Conant

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	20	180	200
Democrats	4	72	76
Republican majority	16	108	124

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.-Lab*	*Pro.*	*Plu.*
1872. Pres.	45,866	50,626	....	....	4,760 R
1876. Pres.	61,934	59,084	774	378	2,850 D
1880. Pres.	64,415	67,071	868	409	2,656 R
1884. Pres.	67,167	65,893	1,684	2,489	1,284 D
1886. Gov.	58,817	56,920	2,792	4,687	1,897 D
1888. Pres.	74,920	74,584	240	4,234	336 D
1890. Gov.	67,658	63,975	209	3,413	3,683 D
			Pop.		
1892. Pres.	82,395	77,030	806	4,026	5,365 D
1894. Gov.	66,287	83,975	1,546	2,310	17,688 R
			Nat. Dem.		
1896. Pres.	56,740	110,285	4,334	1,808	53,545 R
			Soc. L.		
1898. Gov.	64,277	81,015	2,866	1,460	16,738 R

DELAWARE.

Counties. (3.)	Treasurer, 1898.		President, 1896.			
	Ross, Dem.	Ball, Rep.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Kent	3,309	3,552	...	...	...	...
New Castle	8,266	9,749	9,632	12,263	778	233
Sussex	3,330	4,243	3,792	4,541	99	122
Total	14,805	17,544	13,424	16,804	877	355
Plurality	.	2,739	...	3,360	...	...
Per cent	43.93	52.06	42.67	53.41	2.79	1.13
Scattering	1,348		....			
Whole vote	13,697		31,460			

In the presidential election of 1896, the Governor, in certifying to the choice of electors, refused to include the vote of Kent County in the returns on the ground that no certificate from that county had been filed in compliance with the statute. Two certificates were returned, one signed by ten canvassers giving Bryan 2,047, McKinley 1,824, and one signed by six canvassers giving Bryan 3,157; McKinley, 3,567; Palmer, 89; Levering, 115.

In 1896 for Governor (omitting Kent County): Tunnell, Dem., 13,496; Higgins, Rep., 6,845; Hoffecker, Union Rep., 9,255.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.

The vote for Congressman in 1898 was: L. Irving Handy, Dem., 15,053; J. H. Hoffecker, Rep., 17,566; L. W. Brosius, Pro., 454. Hoffecker's plurality, 2,513.

DELAWARE—*Continued.*

PRESENT STATE GOVERNMENT.

Governor, Ebe W. Tunnell; Secretary of State, James H. Hughes; Treasurer, L. H. Ball; Commissioner of Insurance, Edward Fowler; Attorney-General, Robert C. White; Auditor, J. H. Lingo; Adjutant-General, Garrett J. Hart—all Democrats except Ball and Lingo, Rep.

JUDICIARY.

Supreme Court: Chancellor, John R. Nicholson, Dem.; Chief Justice, Chas. B. Lore, Dem.; Associate Justices, Ignatius C. Grubb, Dem.; W. C. Spruance, Rep.; James Pennewill, Rep.; William H. Boyce, Dem.; Clerk, William Virdin, Dem.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	9	12	21
Republicans	8	23	31
Majorities	1 Dem.	11 Rep.	10 Rep.

VOTE OF THE STATE SINCE 1872.

		Dem.	*Rep.*	*N. D.*	*Pro.*	*Maj.*
1872.	President	10,206	11,115	....	....	909 R
1876.	President	13,381	10,740	....	....	2,641 D
1880.	President	15,183	14,150	....	....	1,033 D
1884.	President	16,976	13,053	....	....	3,923 D
						Plu.
1886.	Governor	13,942	141	....	7,835	6,107 D
1888.	President	16,414	12,973	....	400	3,441 D
1890.	Governor	17,801	17,258	....	138	543 D
1892.	President	18,581	18,083	....	565	498 D
1894.	Governor	18,659	19,880	....	189	1,221 R
1896.	President	13,424	16,804	877	355	3,630 R
1898.	Treasurer	14,811	17,549	....	454	2,738 R

FLORIDA.

Counties. (45.)	Treasurer, 1898.		President, 1896.			
	Whitfield, Dem.	Gay, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Alachua	1,020	273	1,545	645	11	44
Baker	149	61	247	33	14	2
Bradford	405	102	836	176	16	53
Brevard	436	132	505	337	17	43
Calhoun	121	37	205	52	3	26
Citrus	214	7	347	35	16	12
Clay	221	101	355	230	6	20
Columbia	545	61	768	228	16	30
Dade	408	186	372	368	14	38
De Soto	378	174	700	198	19	24
Duval	1,067	164	1 903	1,462	16	313
Escambia	964	76	1 235	233	12	138
Franklin	211	61	294	146	3	13
Gadsden	663	4	597	66	9	24
Hamilton	315	26	533	74	31	18
Hernando	139	2	231	37	4	6
Hillsborough	1,952	150	2 180	584	48	87
Holmes	277	35	396	51	8	19
Jackson	749	99	1 285	285	11	33
Jefferson	683	55	1 909	242	18	18
Lafayette	202	19	357	13	12	4
Lake	466	149	870	302	14	54
Lee	227	36	220	74	1	15
Leon	1,239	23	1,298	247	21	26
Levy	274	28	483	113	10	20
Liberty	142	13	115	42	3	27
Madison	325	39	885	144	12	25
Manatee	226	24	480	135	9	11
Marion	770	287	1 130	480	52	129
Monroe	285	70	452	369	26	59
Nassau	347	35	572	310	14	60
Orange	479	170	1 086	565	15	74
Osceola	202	21	274	118	14	4
Pasco	311	27	482	70	4	6
Polk	704	108	1,155	279	17	64
Putnam	681	507	990	816	36	52
St. John's	456	141	694	431	25	25
Santa Rosa	367	45	561	50	25	13
Sumter	216	40	524	89	8	28
Suwanee	371	47	905	196	10	29
Taylor	115	15	255	31	2	6
Volusia	674	210	753	635	36	42

FLORIDA—*Continued.*

Counties.	Treasurer, 1898.		President, 1896.			
	Whitfield, Dem.	Gay, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Wakulla	273	4	670	35	2	..
Walton	338	53	594	129	7	11
Washington	201	82	356	143	9	33
Total	20,788	3,999	32,736	11,288	654	1,778
Plurality	16,789	..	21,444	..	..	..
Per cent	83.87	16.13	70.67	24.21	1.34	3.78
Whole vote	24,787		46,461			

Bryan received 30,683 votes on the Democratic electoral ticket and 2,053 votes on the Populist electoral ticket.

William D. Bloxham, Dem., was elected Governor in 1896 by a vote of 27,172 out of a total vote of 40,732.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. S. M. Sparkman, Dem., 13,506; E. R. Gunby, Rep., 2,513. Sparkman's majority, 10,993.

II. R. W. Davis, Dem., 12,150; H. L. Anderson, Rep., 4,775. Davis's majority, 7,375.

PRESENT STATE GOVERNMENT.

Governor, William D. Bloxham; Secretary of State, J. L. Crawford; Treasurer, James B. Whitfield; Comptroller, W. H. Reynolds; Attorney-General, W. B. Lamar; Adjutant-General, Patrick Houstoun; Superintendent of Public Instruction, W. N. Sheats; Commissioner of Agriculture, L. B. Wombwell—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, R. F. Taylor; Associate Justices, M. H. Mabry and F. B. Carter; Clerk, B. B. Wilson—all Democrats.

STATE LEGISLATURE, 1899.

The Legislature is unanimously Democratic, consisting of 32 Senators and 68 Representatives.

VOTE OF THE STATE SINCE 1872.

		Dem.	*Rep.*	*N. D.*	*Pro.*	*Maj.*
1872.	President	15,428	17,765	....	....	2,337 R
1876.	President	24,440	24,350	....	....	90 D
1880.	President	27,954	23,654	....	....	4,310 D
1884.	President	31,769	28,031	....	....	3,738 D
1888.	President	39,561	26,657	....	423	*12,904 D
1890.	Comp	29,176	4,637	....	....	24,539 D
			Pop.			*Plu.*
1892.	President	30,143	4,843	....	475	25,300 D
		D. & Pop.	*Rep.*			
1896.	President	32,736	11,288	654	1,778	21,444 D
		Dem.				
1898.	Treasurer	20,788	3,999	....	....	16,789 D

*Plurality.

GEORGIA.

Counties. (137.)	Governor, 1898.		President, 1896.		
	Candler, Dem.	Hogan, Pop.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.
Appling	606	652	996	438	5
Baker	418	21	527	62	1
Baldwin	1,041	601	516	410	10
Banks	746	754	579	389	11
Bartow	1,263	433	1,026	808	21
Berrien	502	131	606	250	29
Bibb	418	12	1,354	670	991
Brooks	430	84	528	423	18
Bryan	533	15	259	171	6
Bulloch	1,604	1,144	1,042	511	9
Burke	758	24	1,414	193	10

GEORGIA—*Continued.*

Counties.	Gov'nor, 1898. Candler, Dem.	Gov'nor, 1898. Hogan, Pop.	President, 1896. Bryan, Dem.	President, 1896. McKinley Rep.	President, 1896. Palmer, N. D.
Butts	361	72	586	317	..
Calhoun	218	87	406	5	7
Camden	250	94	190	209	27
Campbell	774	426	434	377	5
Carroll	1,525	892	1,490	733	5
Catoosa	681	124	557	161	8
Charlton*	330	21	..	..	..
Chatham	2,082	17	2,506	1,697	616
Chattahoochee	438	330	157	349	..
Chattooga	1,520	236	911	500	11
Cherokee	1,318	909	712	702	..
Clarke	760	223	7 07	419	30
Clay	647	337	240	534	9
Clayton	949	548	516	472	5
Clinch	481	310	257	212	10
Cobb	1,538	565	1,387	758	14
Coffee	312	211	428	873	..
Columbia	502	662	192	401	3
Colquitt	312	211	361	135	39
Coweta	1,052	120	1,196	571	2
Crawford	265	23	367	62	..
Dade	449	80	325	110	72
Dawson	461	215	324	290	..
Decatur	1,425	584	972	700	20
De Kalb	1,255	433	815	439	37
Dodge	986	99	568	315	12
Dooly	421	52	956	365	2
Dougherty	226	3	404	120	5
Douglas	762	594	463	641	..
Early	935	550	591	336	48
Echols	310	23	174	52	..
Effingham	371	134	372	209	14
Elbert	1,968	303	134	155	15
Emmanuel	1,655	1,177	690	507	26
Fannin	653	63	507	920	..
Fayette	844	255	562	345	2
Floyd	1,434	172	2,150	1,117	34
Forsyth	772	884	482	259	..
Franklin	1,005	1,104	599	392	6
Fulton	4,002	236	4,504	3,005	241
Gilmer	1,198	15	706	503	..
Glascock	318	395	154	122	2
Glynn	1,468	475	592	353	22
Gordon	1,091	483	875	523	1
Greene	1,245	1,047	575	910	9
Gwinnett	1,721	1,280	1,250	773	23
Habersham	681	243	782	242	8
Hall	1,692	768	1,134	582	25
Hancock	332	62	952	122	..
Haralson	758	748	469	686	1
Harris	954	463	919	402	..
Hart	1,062	856	738	339	5
Heard	620	113	620	138	2
Henry	1,285	913	569	568	15
Houston	370	6	875	192	22
Irwin	2,509	62	626	486	8
Jackson	2,222	1,960	1,205	700	27
Jasper	1,041	610	628	110	8
Jefferson	820	849	541	223	18
Johnson	814	903	213	239	..
Jones	308	29	521	377	5
Laurens	1,660	1,141	570	514	..
Lee	155	6	285	163	..
Liberty	353	335	237	646	8
Lincoln	246	631	239	73	..
Lowndes	778	535	586	536	53
Lumpkin	691	170	436	456	4
Macon	355	64	511	286	19
Madison	1,061	295	672	141	17
Marion	751	554	223	409	6
McDuffie	294	491	138	401	21
McIntosh	236	61	234	538	19
Merriwether	1,454	789	991	946	11
Miller	530	218	315	55	1
Milton	735	474	428	227	4
Mitchell	1,063	218	437	268	31
Monroe	813	287	729	419	14
Montgomery	1,139	475	503	441	10
Morgan	1,096	295	629	819	4
Murray	750	423	557	323	..
Muscogee	866	15	1,365	501	108
Newton	908	182	973	580	27

GEORGIA—*Continued.*

Counties.	Gov'nor, 1898. Candler, Dem.	Gov'nor, 1898. Hogan, Pop.	President, 1896. Bryan, Dem.	President, 1896. McKinley Rep.	President, 1896. Palmer, N. D.
Oconee	448	513	330	358	..
Oglethorpe	2,227	141	1,242	106	7
Paulding	1,080	971	627	552	3
Pickens	449	108	458	693	..
Pierce	385	263	329	215	42
Pike	1,029	628	890	724	27
Polk	1,294	628	567	810	35
Pulaski	948	79	755	132	11
Putnam	260	5	438	2	15
Quitman	348	79	181	280	5
Rabun	669	59	404	101	7
Randolph	710	151	627	384	21
Richmond	1,117	173	3,716	1,698	139
Rockdale	641	377	473	483	10
Schley	409	255	266	327	..
Screven	1,241	1,245	585	542	..
Spalding	439	15	612	239	26
Stewart	573	90	635	213	11
Sumter	672	116	1,094	371	25
Talbot	387	55	472	156	6
Taliaferro	484	418	221	261	2
Tattnall	1,459	1,248	517	600	68
Taylor	208	278	237	309	2
Telfair	1,271	43	580	350	1
Terrell	555	93	809	467	9
Thomas	919	423	600	620	129
Towns	297	27	340	299	..
Troup	514	91	878	199	3
Twiggs	1,556	80	397	128	..
Union	592	185	560	419	..
Upson	690	282	591	498	1
Walker	887	168	1,045	569	19
Walton	1,610	843	1,001	726	19
Ware	694	110	545	330	24
Warren	334	415	279	458	..
Washington	1,786	1,296	925	1,023	11
Wayne	471	338	477	266	..
Webster	447	75	246	191	3
White	490	358	274	159	5
Whitfield	930	484	857	494	33
Wilcox	1,265	90	623	145	7
Wilkes	934	378	1,063	104	25
Wilkinson	735	475	610	476	2
Worth	990	244	528	447	13
Total	118557	51,580	94,232	60,091	2,708
Plurality	66,977	..	34,141	..	
Per cent	69.68	30.32	57.78	36.85	1.66
Scattering				6,030	
Whole vote	170,137			153,061	

*The certificate of the vote of Charlton County for President was lost, and the vote was not included in the official canvass.

Of the scattering vote for President in 1896, Levering, Pro., had 5,613. The Bryan and Watson ticket had 417 votes cast for it in the back districts after it had been withdrawn.

For Governor in 1896, W. Y. Atkinson, Dem., received 120,827; Seaborne Wright, Pop., 85,832; Atkinson's majority, 34,995. For Secretary of State, A. D. Candler, Dem., received 132,184; J. A. Parsons, Pop., 76,453; Candler's majority, 55,731.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Bryan, Bullock, Burke, Chatham, Effingham, Emmanuel, Liberty, McIntosh, Screven, and Tattnall. Rufus E. Lester, Dem., 5,344; J. E. Myrick, Rep., 873. Lester's majority, 4,471.

II. Counties of Baker, Berrien, Calhoun, Clay, Colquitt, Decatur, Dougherty, Early, Miller, Mitchell, Quitman, Randolph, Terrell, Thomas, and Worth. James M. Griggs, Dem., 8,298; J. H. Smith, Rep., 2,071; scattering, 5. Griggs' plurality, 6,227.

III. Counties of Crawford, Dooly, Houston, Lee, Macon, Pulaski, Schley, Stewart, Sumter, Taylor, Twiggs, Webster, and Wilcox. E. B. Lewis, Dem., 3,539; F. W. Gano, Rep., 141. Lewis' majority, 3,398.

GEORGIA—*Continued.*

IV. Counties of Carroll, Chattahoochee, Coweta, Harris, Heard, Marion, Meriweather, Muscogee, Talbot, and Troup. W. C. Adamson, Dem., 3,218; M. L. Covington, Rep., 19; scattering, 9. Adamson's plurality, 3,190.

V. Counties of Campbell, Clayton, De Kalb, Douglas, Fulton, Newton, Rockdale, and Walton. Leonidas F. Livingston, Dem., 3,027; A. R. Bryan, Rep., 64; scattering, 12. Livingston's plurality, 2,963.

VI. Counties of Baldwin, Bibb, Butts, Fayette, Henry, Jones, Monroe, Pike, Spalding, and Upson. C. L. Bartlett, Dem., 3,008; scattering, 3. Bartlett's majority, 3,005.

VII. Counties of Bartow, Catoosa, Chattooga, Cobb, Dade, Floyd, Gordon, Haralson, Murray, Paulding, Polk, Walker, and Whitfield. John W. Maddox, Dem., 5,296; A. B. Austin, Pop., 1,252; scattering, 17. Maddox's plurality, 4,044.

VIII. Counties of Clark, Elbert, Franklin, Greene, Hart, Jasper, Madison, Morgan, Oconee, Oglethorpe, Putnam, and Wilkes. W. M. Howard, Dem., 4,399; John A. Neese, Pop., 861; scattering, 2. Howard's plurality, 3,538.

IX. Counties of Banks, Cherokee, Dawson, Fannin, Forsyth, Gilmer, Gwinnett, Habersham, Hall, Jackson, Lumpkin, Milton, Pickens, Rabun, Towns, Union, and White. F. C. Tate, Dem., 9,275; J. P. Brooke, Pop., 3,456. Tate's majority, 5,819.

X. Counties of Columbia, Glascock, Hancock, Jefferson, Lincoln, McDuffie, Richmond, Taliaferro, Warren, Washington, and Wilkinson. W. H. Fleming, Dem., 2,290; Thomas E. Watson, Pop., 34; scattering, 22. Fleming's plurality, 2,256.

XI. Counties of Appling, Brooks, Camden, Charlton, Clinch, Coffee, Dodge, Echols, Glynn, Irwin, Johnson, Laurens, Lowndes, Montgomery, Pierce, Telfair, Wayne, and Ware. W. J. Brantley, Dem., 9,256; J. M. Wilkinson, Rep., 4,112. Brantley's majority, 5,144.

PRESENT STATE GOVERNMENT.

Governor, Allen D. Candler; Secretary of State, Philip Cook; Treasurer, W. J. Speer; Comptroller, W. A. Wright; Adjutant-General, J. M. Kell; Attorney-General, J. M. Terrell; Superintendent of Education, G. R. Glenn; Commissioner of Agriculture, O. B. Stevens—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Thomas J. Simmons; Associate Justices, Samuel Lumpkin, Henry T. Lewis, Andrew J. Cobb, Wm. A. Little, and Wm. H. Fish; Clerk, Z. D. Harrison—all Democrats.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	43	170	213
Republicans	1	0	1
Populists	0	5	5
Democratic majority	42	165	207

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Pro.*	*Maj.*
1872. President	76,278	62,715	....	13,563 D
1876. President	130,088	50,446	....	79,642 D
1880. President	102,470	54,086	....	48,384 D
1884. President	94,567	7,603	168	46,964 D
1886. Governor	101,159	....	....	101,159 D
1888. President	100,499	40,496	1,808	60,203 D
1890. Governor	105,361	....	....	105,365 D

	Dem.	*Rep.*	*Pop.*	*Pro.*	*Plu.*
1892. President.	129,361	48,305	42,937	988	81,056 D
1894. Governor	121,048	96,888	....	....	24,161 D

	Dem.	*Rep.*	*Nat.D.*	*Pop.*	*Pro.*	*Plu.*
1896. Gov'nor.	120,827	....	....	85,832	....	34,995 D
1896. President.	94,232	60,091	2,708	....	5,613	34,141 D
1898. Gov'nor	118,557	51,580	....	....	....	66,977 D

IDAHO.

Counties. (21.)	Governor, 1898. Steunenberg Fus.	Moss, Rep.	President, 1896. Bryan, Dem.-Pop.	McKinley Rep.	Levering, Pro.
Ada	1,503	1,682	1,531	851	27
Bannock	1,288	729	1,363	228	7
Bear Lake	1,341	675	851	249	1
Bingham	1,366	676	1,232	194	12
Blaine	794	187	1,228	59	3
Boisé	704	359	862	226	5
Canyon	959	607	1,178	303	22
Cassia	525	427	579	129	3
Custer	393	54	599	29	2
Elmore	406	275	535	124	1
Fremont	1,731	556	1,526	121	8
Idaho	1,025	615	1,121	377	7
Kootenai	972	710	1,432	334	17
Latah	869	1,696	1,870	1,036	16
Lemhi	685	323	1,065	202	2
Lincoln	236	280	305	74	1
Nez Perce	942	1,324	1,089	675	22
Oneida	1,084	1,213	1,092	315	7
Owyhee	976	166	1,140	97	4
Shoshone	978	733	1,760	497	4
Washington	630	507	828	204	8
Total	19,407	13,794	23,192	6,324	179
Plurality	5,613	..	16,868	...	...
Per cent	48.82	34.75	78.10	21.29	0.60
Scattering	6,546		....		
Whole vote	39,747		26,695		

The scattering vote for Governor in 1898 was: Anderson, Pop., 5,371; and Johnson, Pro., 1,175.

VOTE FOR STATE OFFICERS, 1896.

For Governor, Frank Steunenberg, Pop., Dem., and Sil. Rep., 22,096; David Budlong, Rep., 6,441; M. F. Fowler, Pro., 239. Steunenberg's plurality, 15,655. The other State officers were elected by pluralities of about 7,000. All were elected on the Dem.-Pop. fusion ticket.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.

Edgar Wilson, Fus., 17,693; W. B. Hayburn, Rep., 13,056; James Gunn, Pop., 7,428; W. J. Boone, Pro., 914.

PRESENT STATE GOVERNMENT.

Governor, Frank Steunenberg; Lieutenant-Governor, J. H. Hutchinson; Secretary of State, M. Patrie; Treasurer, L. C. Rice; Auditor, B. Sinclair; Attorney-General, S. H. Hays; Superintendent of Public Instruction, P. French; Adjutant-General, J. L. Weaver, Dem.; State Engineer, D. W. Ross, Dem.

JUDICIARY.

Supreme Court: Chief Justice, J. W. Huston, Rep.; Associate Justices, I. N. Sullivan, Rep., and Ralph P. Quarles, Dem.; Clerk of the Court, Solomon Hasbrouck, Rep.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrat and Pop.	7	30	37
Republicans	9	12	21
Silver Republicans	5	7	12
Dem.-Pop. majority.	...	11	4

VOTE OF THE TERRITORY AND STATE SINCE 1880.

	Dem.	*Rep.*			*Maj.*
1880. Congress	3,604	2,090	....	....	1,514 D
1884. Congress	1,547	741	....	....	786 D
1886. Congress	7,416	7,842	....	....	426 R
1888. Congress	6,404	9,609	....	....	3,203 R
1890. Governor	7,948	10,262	....	....	2,314 R

			Pro.	*Pop.*	*Plu.*
1892. President	....	8,599	288	10,520	1,921 P
1892. Governor	6,769	8,178	264	4,865	1,409 R
1894. Governor	7,057	10,208	....	7,121	3,087 R

	D.-P.	*Rep.*	*Pro.*	*Plu.*
1896. President	23,192	6,324	179	16,868 D-P
1898. Governor	19,407	13,794	1,175	5,613 F

ILLINOIS.

Counties. (102.)	Treasurer, 1898. Dunlap, Dem.	Whittemore Rep.	Hess, Pop.	Boles, Pro.	President, 1896. Bryan, Fusion.	McKinley Rep.
Adams	6,870	5,969	139	121	8,025	8,447
Alexander	1,674	1,937	13	9	1,813	2,802
Bond	1,434	1,900	14	97	1,664	1,967
Boone	323	2,336	17	44	657	3,111
Brown	1,606	898	67	30	2,063	1,024
Bureau	3,084	3,998	99	202	3,961	5,474
Calhoun	1,019	707	12	6	1,176	795
Carroll	854	2,450	22	35	1,480	3,314
Cass	2,276	1,694	19	52	2,470	1,946
Champaign	3,722	5,036	130	241	4,643	6,780
Christian	4,110	3,463	88	103	4,639	3,857
Clark	2,635	2,679	182	51	3,103	2,888
Clay	1,993	1,961	68	52	2,372	2,155
Clinton	2,223	1,644	58	12	2,572	1,863
Coles	3,596	3,936	37	79	3,982	4,534
Cook	147956	148558	2,545	1,682	152146	221823
Crawford	2,019	2,094	71	29	2,342	2,172
Cumberland	1,873	1,715	30	56	2,098	1,856
De Kalb	979	3,406	10	233	1,881	5,598
De Witt	1,986	2,452	25	56	2,370	2,587
Douglas	1,776	2,283	10	45	2,140	2,666
Du Page	1,218	2,405	14	140	1,588	4,115
Edgar	3,536	3,473	60	107	3,729	3,822
Edwards	592	1,381	28	44	852	1,572
Effingham	2,101	1,321	11	52	2,953	1,895
Fayette	2,717	2,821	269	72	3,627	2,769
Ford	1,151	2,209	8	68	1,507	2,832
Franklin	1,975	1,864	39	27	2,233	2,038
Fulton	5,000	5,285	180	106	5,979	6,195
Gallatin	1,517	961	25	6	2,067	1,468
Greene	2,869	1,581	29	45	3,983	2,365
Grundy	1,504	2,955	26	202	2,074	3,246
Hamilton	1,963	1,421	39	19	2,408	1,767
Hancock	4,202	3,695	78	108	4,581	4,250
Hardin	729	677	35	8	900	780
Henderson	847	1,547	12	42	962	1,756
Henry	2,261	4,416	49	144	2,971	6,177
Iroquois	2,993	4,258	33	196	3,658	5,325
Jackson	3,133	3,459	27	69	3,631	3,879
Jasper	2,265	1,602	66	83	2,724	1,867
Jefferson	2,764	2,264	124	81	3,588	2,603
Jersey	2,027	1,478	24	60	2,377	1,641
Jo Daviess	2,282	2,690	28	66	2,391	3,594
Johnson	1,011	1,617	62	..	1,429	2,027
Kane	2,855	6,360	28	326	4,852	12,133
Kankakee	2,795	3,847	31	88	2,370	5,471
Kendall	506	1,377	7	87	774	2,128
Knox	2,141	5,602	72	189	3,480	7,681
Lake	1,350	2,879	48	138	1,777	5,027
La Salle	7,290	9,214	127	185	8,108	11,548
Lawrence	1,775	1,739	21	45	1,948	1,972
Lee	1,675	3,227	15	114	2,469	4,797
Livingston	3,850	4,768	41	191	4,068	5,436
Logan	3,528	3,230	17	86	3,389	3,430
Macon	4,510	5,115	45	155	4,756	6,216
Macoupin	4,680	4,305	62	146	5,574	4,970
Madison	5,023	6,115	46	102	6,344	7,431
Marion	3,157	2,660	196	79	3,835	2,870
Marshall	1,904	1,929	14	40	1,888	2,216
Mason	2,270	1,787	13	59	2,407	2,100
Massac	607	1,405	19	19	869	2,046
McDonough	3,315	3,759	51	160	3,684	4,036
McHenry	1,048	2,932	19	102	1,913	5,047
McLean	4,672	6,358	45	413	6,328	9,964
Menard	1,882	1,555	38	38	2,018	1,642
Mercer	1,482	2,618	73	73	2,329	3,120
Monroe	1,503	1,506	30	3	1,652	1,446
Montgomery	3,504	3,172	50	136	4,117	3,622
Morgan	4,641	3,432	46	106	4,323	4,317
Moultrie	1,823	1,491	39	33	2,077	1,711
Ogle	1,083	3,003	20	177	2,142	5,210
Peoria	6,772	7,989	47	287	9,068	10,486
Perry	2,066	2,121	35	77	2,370	2,342
Piatt	1,721	2,322	30	32	1,958	2,579
Pike	3,519	2,233	303	98	5,329	3,111
Pope	341	1,187	33	10	1,074	1,852
Pulaski	745	1,410	8	17	1,152	2,081
Putnam	392	599	6	26	479	706
Randolph	2,861	2,720	45	105	3,031	3,024
Richland	1,759	1,510	172	50	2,062	1,693

ILLINOIS—*Continued.*

Counties.	Treasurer, 1898. Dunlap, Dem.	Whittemore Rep.	Hess, Pop.	Boles, Pro.	President, 1896. Bryan, Fusion.	McKinley Rep.
Rock Island	3,931	5,932	63	104	4,692	7,323
Saline	1,970	2,203	36	28	3,296	2,605
Sangamon	8,474	8,278	43	322	8,582	8,998
Schuyler	2,059	1,567	37	67	2,334	1,848
Scott	1,497	1,066	40	17	1,598	1,261
Shelby	3,877	2,866	119	177	4,709	3,071
Stark	793	1,390	63	82	1,030	1,636
St. Clair	6,497	7,002	85	153	8,345	8,960
Stephenson	3,762	3,735	17	143	3,776	4,728
Tazewell	3,539	3,250	27	123	3,743	3,703
Union	2,292	1,331	19	26	2,998	1,842
Vermilion	3,834	5,896	98	313	5,749	8,767
Wabash	1,485	1,117	16	65	1,739	1,321
Warren	2,455	3,090	26	122	2,604	3,394
Washington	1,836	2,134	22	50	1,979	2,351
Wayne	2,469	2,677	98	145	3,102	2,906
White	2,664	2,075	61	44	3,421	2,771
Whiteside	1,901	3,679	39	136	2,788	5,577
Will	4,685	7,224	62	94	6,873	9,249
Williamson	2,200	2,674	25	20	2,582	3,027
Winnebago	1,100	3,837	59	418	2,447	8,242
Woodford	2,444	1,905	26	132	2,453	2,447
Total	405490	448940	7,886	11,753	464632	607130
Plurality	..	43,450	..	..	..	142498
Per cent	46.15	51.09	0.87	1.35	42.68	55.66
Scattering	4,518				18,126	
Whole vote.	878,587				1,090,869	

The scattering vote for Treasurer in 1898 was for Litchson, Soc. L.

The scattering vote for President in 1896 was: Palmer, N. D., 6,390: Levering, Pro., 9,796; Matchett, Soc. L., 1,147; Bentley, Nat. Pro., 798. The Middle-of-Road Populist vote for Bryan was 1,090.

The vote for Governor in 1896 was: Altgeld, Dem.-Pop., 474,256; Tanner, Rep., 587,637; Gere, Pro., 14,582; Forman, N. D., 8,100. Tanner's plurality, 113,381.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. County of Cook. Rollin B. Organ, Dem., 20,424; James R. Mann, Rep., 37,500; James Hogan, Pop., 404; Theodore Neff, Pro., 414; B. Berlin, Soc. L., 568.

II. County of Cook. C. Porter Johnson, Dem., 23,354; William Lorimer, Rep., 27,151; Charles O. Sherman, Pop., 700; Thomas H. Conpropot, Pro., 407; Herman Glaser, Soc. L., 421.

III. County of Cook. George P. Foster, Dem., 18,463; Hugh R. Belknap, Rep., 15,659; James E. McGrath, Pop., 206; William Kellett, Pro., 65; Henry D. Dreisvogt, Soc. L., 242.

IV. County of Cook. Thomas Cusack, Dem., 18,876; Daniel W. Mills, Rep., 16,656; John T. Buchanan, Pop., 210; Thomas H. Gault, Pro. 130.

V. County of Cook. Edward T. Noonan, Dem., 19,186; George E. White, Rep., 16,018; William League, Pop., 334; Thomas L. Haines, Pro., 176; J. Collins, Soc. L., 301.

VI. County of Cook. Emil Hoechster, Dem., 17,167; Henry S. Boutell, Rep., 18,283; Roy M. Goodwin, Pop., 225; John G. Battershill, Pro., 86; Geo. Henderson, Soc. L., 254.

VII. County of Cook (part) and county of Lake. Frank C. Rogers, Dem., 18,572; George E. Foss, Rep., 30,903; Henry H. Hardinge, Pop., 403; Vasscher B. Barnes, Pro., 394; Charles Schmitt, Soc. L., 566.

VIII. Counties of McHenry, De Kalb, Kane, Du Page, Kendall, and Grundy. John W. Conrad, Dem., 8,000; Albert J. Hopkins, Rep., 19,592; S. W. Johnson, Pro., 1,142.

IX. Counties of Boone, Winnebago, Stephenson, Jo Daviess, Carroll, Ogle, and Lee. Wm. H. Wagner, Dem., 11,200; Robert R. Hitt, Rep., 22,165; J. E. Countryman, Pro., 953.

ILLINOIS—*Continued.*

X. Counties of Whiteside, Rock Island, Mercer, Henry, Knox, and Stark. Francis E. Andrews, Dem., 12,042; Geo. W. Prince, Rep., 24,469; Eugenio K. Hays, Pro., 509.

XI. Counties of Bureau, La Salle, Livingston, and Woodford. Maurice T. Molony, Dem., 16,564; Walter Reeves, Rep., 20,060; Archibald Storrie, Pop., 277; John W. Hosier, Pro., 629.

XII. Counties of Will, Kankakee, Iroquois, and Vermilion. John M. Thompson, Dem., 14,178; Joseph G. Cannon, Rep., 21,484; Samuel S. Jones, Pro., 682.

XIII. Counties of Ford, McLean, De Witt, Piatt, Champaign, and Douglas. Jerome G. Quisenbery, Dem., 14,977; Vespasian Warner, Rep., 20,635; James M. Shaw, Pro., 863.

XIV. Counties of Putnam, Marshall, Peoria, Fulton, Tazewell, and Mason. Charles M Barnes, Dem., 19,431; Joseph V. Graff, Rep 21,417: Stephen Martin, Pro., 696.

XV. Counties of Henderson, Warren, Hancock, McDoncugh, Adams, Brown, and Schuyler. Joseph A. Roy, Dem., 20,901; Benjamin F. Marsh, Rep., 21,148; M. W. Greer, Pop., 401; James M. Underhill, Pro., 571.

XVI. Counties of Cass, Morgan, Scott, Pike, Green, Macoupin, Calhoun, and Jersey. William E. Williams, Dem., 21,682; James H. Danskin, Rep., 17,021; A. C. Wood, Pop., 514; Howard C. Bliss, Pro., 491.

XVII. Counties of Menard, Logan, Sangamon, Macon, and Christian. Benj. F. Caldwell, Dem., 23,293; Isaac R. Mills, Rep., 21,053; David L. Bunn, Pro., 573.

XVIII. Counties of Madison, Montgomery, Bond, Fayette, Shelby, and Moultrie. Thomas M. Jett, Dem., 18,884; Benj. F. Johnson, Rep., 18,109; Ferdinand Morse, Pop., 477; John W. Killarn, Pro., 501; William W. Cox, Soc. L., 138.

XIX. Counties of Coles, Edgar, Clark, Cumberland, Effingham, Jasper, Crawford, Richland, and Lawrence. Joseph B. Crowley, Dem., 21,520; William W. Jacobs, Rep., 20,006; Dixon T. Harbison, Pop, 597; William Smith, Pro., 483.

XX. Counties of Clay, Jefferson, Wayne, Hamilton, Edwards, Wabash, Franklin, White, Gallatin, and Hardin. James R. Williams, Dem., 18 321; Theodore G. Risley, Rep., 16,307; Wiley N. Green, Pop., 552; William Bedall, Pro., 387.

XXI. Counties of Marion, Clinton, Washington, St. Clair, Monroe, Randolph, and Perry. Frederick J. Kern. Dem., 19,956; William A. Rodenberg, Rep., 20,461; John T. Nixon, Pro., 433; William F. Quellmalz, Pop., 466; Gustav Surber, Soc. L., 340.

XXII. Counties of Jackson, Union, Alexander, Pulaski, Johnson. Williamson, Saline Pope, and Massac. A. B. Garrett, Dem., 14,131; G. W. Smith, Rep., 17,200; Andrew J. Dougherty, Jr., Pro., 219.

PRESENT STATE GOVERNMENT.

Governor, John R. Tanner; Lieutenant-Governor, W. A. Northcott; Secretary of State, James A. Rose; Treasurer, F. K. Whittemore; Auditor, J. S. McCullough; Attorney-General, E. C. Akin; Adjutant-General, J. N. Reece; Superintendent of Insurance, J. R. B. Van Cleave; Superintendent of Education, Alfred Bayliss—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, James H. Cartwright, Rep.; Associate Justices, J. W. Wilkin, Rep.; J. N. Carter, Rep.; A. M. Craig, Dem.; Jesse J Phillips, Dem.; B. D. Magruder, Rep.; C. C. Boggs, Dem.; Clerks of the Court, A. D. Cadwallader, Rep; C. Mamer, Rep.; Jacob O. Chance, Dem.

ILLINOIS—*Continued.*

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	16	71	87
Republicans	34	81	115
Populists	1	0	1
Prohibitionists	0	1	1
Republican majority	17	9	26

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. President.	184,772	241,237	....	....	*56,445 R
1876. President.	238,601	278,232	17,207	....	19,631 R
1880. President.	277,321	318,037	26,358	440	40,716 R
1884. President.	312,351	337,469	10,776	12,074	25,118 R
			Labor.		
1886. Treasurer.	240,864	276,680	34,821	19,766	35,816 R
1888. Governor.	355,313	367,860	6,394	18,874	12,547 R
1888. President.	343,371	370,473	7,090	21,695	22,102 R
1890. Treasurer.	331,929	321,990	....	22,306	9,929 D
			Pop.		
1892. President.	426,281	399,288	22,207	25,870	26,993 D
1894. Treasurer.	321,551	455,788	60,067	19,460	134,237 R
	D & Pop.		*N. D.*		
1896. Governor	474,256	587,637	8,100	14,582	113,381 R
1896. President.	464,632	607,130	6,390	9,796	142,498 R
	Dem.		*Pop.*		
1898. Treasurer.	405,490	448,940	7,886	11,753	43,450 R

* Majority.

INDIANA.

Counties. (92).	Secretary of State, 1898.				President, 1896.	
	Ralston, Dem.	Hunt, Rep.	Worth Pro.	Morrison, Pop.	Bryan, Dem.	McKinley Rep.
Adams	2,654	1,241	71	39	3,340	1,613
Allen	8,479	6,285	117	47	9,909	8,467
Bartholomew	3,043	3,125	48	42	3,198	3,264
Benton	1,286	1,774	47	16	1,552	1,968
Blackford	1,898	1,719	117	44	2,272	2,154
Boone	3,630	3,106	74	84	3,800	3,449
Brown	1,207	615	24	24	1,480	726
Carroll	2,593	2,501	93	25	2,764	2,546
Cass	4,043	3,813	149	182	4,851	4,392
Clark	3,618	3,147	37	18	3,785	3,897
Clay	3,550	3,194	148	149	4,482	3,823
Clinton	3,365	3,474	184	90	3,747	3,607
Crawford	1,622	1,324	45	47	1,655	1,460
Daviess	2,718	2,864	69	519	3,785	3,120
Dearborn	2,875	2,139	65	6	3,313	2,714
Decatur	2,368	2,711	73	32	2,520	2,848
De Kalb	2,845	2,674	193	142	3,678	3,137
Delaware	3,545	5,993	273	49	4,253	7,340
Dubois	2,214	886	25	38	3,005	1,215
Elkhart	4,340	5,398	407	32	4,986	6,150
Fayette	1,430	1,943	38	5	1,609	2,145
Floyd	3,413	2,981	52	24	3,544	3,874
Fountain	2,858	2,755	75	55	2,997	2,809
Franklin	2,428	1,488	33	9	2,844	1,760
Fulton	2,284	2,158	54	25	2,409	2,349
Gibson	3,043	3,289	188	135	3,622	3,471
Grant	3,754	6,727	458	82	5,072	7,723
Greene	2,891	3,282	54	264	3,344	3,434
Hamilton	2,437	4,249	281	38	2,947	4,643
Hancock	2,639	2,086	80	34	2,886	2,236
Harrison	2,434	2,236	81	101	2,813	2,486
Hendricks	2,049	3,032	119	14	2,365	3,409
Henry	2,228	3,590	225	37	2,980	4,001
Howard	2,449	3,543	273	140	3,199	4,195
Huntington	3,486	3,631	187	30	3,750	4,117
Jackson	3,293	2,226	100	85	3,574	2,670
Jasper	1,257	1,732	75	68	1,608	2,032
Jay	3,111	3,260	222	112	3,680	3,473
Jefferson	2,362	3,041	48	20	2,645	3,636
Jennings	1,693	1,892	45	60	1,850	2,040
Johnson	2,794	2,158	123	103	3,083	2,288
Knox	3,521	2,940	130	138	4,349	3,480
Kosciusko	2,796	3,911	148	17	3,372	4,342
La Grange	1,165	1,973	65	22	1,665	2,442
Lake	3,095	3,807	67	24	3,418	4,883
Laporte	4,424	4,016	59	16	4,511	4,691
Lawrence	2,026	2,672	61	75	2,421	3,103
Madison	7,209	7,642	244	141	7,590	8,388
Marion	20,812	23,191	563	85	20,654	27,351

INDIANA—*Continued.*

Counties.	Secretary of State, 1898.				President, 1896.	
	Ralston, Dem.	Hunt, Rep.	Worth, Pro.	Morrison, Pop.	Bryan, Dem.	McKinley Rep.
Marshall	2,986	2,678	103	32	3,588	2,938
Martin	1,380	1,433	29	152	1,719	1,384
Miami	3,443	3,195	151	54	3,602	3,396
Monroe	2,179	2,333	45	77	2,422	2,466
Montgomery	3,959	4,203	100	54	4,183	4,353
Morgan	2,340	2,620	74	32	2,414	2,688
Newton	868	1,448	44	421	1,204	1,545
Noble	2,749	3,084	102	16	3,071	3,372
Ohio	597	705	9	3	632	705
Orange	1,625	1,963	36	92	1,797	2,044
Owen	1,939	1,639	89	..	2,010	1,751
Parke	2,362	2,772	154	63	2,777	2,847
Perry	2,169	1,944	25	22	2,109	2,139
Pike	2,171	2,276	59	51	2,557	2,332
Porter	1,721	2,487	40	17	2,026	2,253
Posey	2,765	2,318	76	106	3,103	2,526
Pulaski	1,567	1,311	79	109	1,964	1,345
Putnam	3,037	2,399	96	76	3,218	2,622
Randolph	1,925	4,253	124	85	2,677	4,674
Ripley	2,402	2,512	31	105	2,714	2,690
Rush	2,502	2,770	130	6	2,602	2,891
Scott	1,119	730	18	5	1,237	837
Shelby	3,668	2,798	182	30	3,828	3,219
Spencer	2,543	2,744	50	22	2,745	3,047
Starke	1,227	1,166	19	15	1,214	1,289
St. Joseph	5,636	6,881	148	35	6,247	7,138
Steuben	1,315	2,359	79	43	1,674	2,655
Sullivan	3,019	1,877	188	..	4,010	2,317
Switzerland	1,677	1,535	7	4	1,742	1,637
Tippecanoe	4,170	5,555	216	17	4,639	6,239
Tipton	2,346	2,202	68	17	2,816	2,263
Union	781	1,023	41	7	915	1,118
Vanderburgh	6,140	7,209	91	46	7,132	8,363
Vermillion	1,675	1,933	71	22	1,814	2,141
Vigo	6,909	7,099	123	91	7,558	8,020
Wabash	2,652	3,748	145	36	2,891	4,319
Warren	838	1,798	54	13	1,100	2,045
Warrick	2,547	2,447	54	111	2,902	2,482
Washington	2,327	1,953	27	66	2,613	2,214
Wayne	3,090	5,389	194	27	4,098	6,841
Wells	3,020	1,980	91	77	3,728	2,212
White	2,284	2,292	95	44	2,537	2,383
Whitley	2,241	2,008	86	14	2,494	2,242
Total	269125	286643	9,961	5,867	305573	323754
Plurality	..	17,518	..	..	..	18,181
Per cent	46.95	49.96	1.74	1.06	47.64	50.81
Scattering	1,715				8,408	
Whole vote	573,311				637,135	

The scattering vote for Secretary of State in 1898 was for Yochum, Soc. L.

Of the scattering vote for President in 1896 Levering, Pro., had 3,055; Palmer, Nat. Dem., 2,145; Bentley, Nat. Pro., 2,268, and Matchett, Soc. L., 929.

The vote for Governor in 1896 was: Benjamin F. Shively, Dem., 294,355; James A. Mount, Rep., 320,982; L. M. Christ, Pro., 2,996; Thomas Wadsworth, Pop., 8,525; J. G. Kingsbury, Nat. Pro., 2,500; P. H. Moore, Soc. L., 283. Mount's plurality, 26,077.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Gibson, Posey, Pike, Spencer, Vanderburgh, and Warrick. Thomas Duncan, Dem., 19,337; James A. Hemenway, Rep., 20,383; Josephus Lee, Pro., 475. Hemenway's plurality, 1,046.

II. Counties of Daviess, Greene, Monroe, Owen, Sullivan, Knox, Lawrence, and Martin. Robert W. Miers, Dem., 20,245; W. R. Gardiner, Rep., 18,656; W. J. Trout, Pro., 1,333. Miers' plurality, 1,589.

III. Counties of Clark, Floyd, Harrison, Dubois, Orange, Crawford, Perry, Scott, and Washington. William T. Zenor, Dem., 21,111; J. P. Whitesides, Rep., 16,791; G. T. Mayfield, Pro., 356. Zenor's plurality, 4,320.

INDIANA—*Continued.*

IV. Counties of Dearborn, Decatur, Jackson, Brown, Bartholomew, Jennings, Jefferson, Ohio, Ripley, and Switzerland. F. M. Griffith, Dem., 21,751; C. W. Lee, Rep., 19,733; J. N. Hughes, Pro., 213. Griffith's plurality, 2,018.

V. Counties of Clay, Parke, Vermillion, Vigo, Hendricks, Morgan, and Putnam. Samuel Hammil, Dem., 22,305; Geo. W. Faris, Rep., 22,557; W. E. Carpenter, Pro., 647; A. J. Farrow, Pop., 195. Faris' plurality, 252.

VI. Counties of Fayette, Henry, Hancock, Franklin, Shelby, Union, Rush, and Wayne. Charles A. Robinson, Dem., 18,844; J. E. Watson, Rep., 21,048; Samuel Walker, Pro., 121. Watson's plurality, 2,204.

VII. Counties of Marion and Johnson. Leon O. Bailey, Dem., 23,269; Jesse Overstreet, Rep., 25,868; W. B. Campbell, Pro., 567; H. Kuerst, Soc. L., 235. Overstreet's plurality, 2,599.

VIII. Counties of Adams, Blackford, Delaware, Jay, Madison, Randolph, and Wells. O. B. Lotz., Dem., 24,021; George W. Cromer, Rep., 25,388; G. M. Martin, Pro., 903; J. A. Thompson, Pop., 397. Cromer's plurality, 1,367.

IX. Counties of Boone, Clinton, Fountain, Carroll, Hamilton, Montgomery, and Tipton. Joseph M. Cheadle, Dem., 21,357; Charles B. Landis, Rep., 22,447; F. H. King, Pro., 621; Geo. M. Thompson, Pop., 327. Landis' plurality, 1,090.

X. Counties of Benton, Laporte, Jasper, Tippecanoe, Warren, Lake, Newton, Porter, and White. John Ross, Dem., 20,206; Edward D. Crumpacker, Rep., 24,656. Crumpacker's majority, 4,450.

XI. Counties of Howard, Cass, Grant, Huntington, Miami, Wabash. G. W. Meikels, Dem., 20,281; George W. Steele, Rep., 24,367; D. A. McDowell, Pro., 1,171; E. L. Wilson, Pop., 436. Steele's plurality, 4,086.

XII. Counties of Allen, De Kalb, LaGrange, Noble, Steuben, and Whitley. James M. Robinson, Dem., 19,484; C. D. Stemen, Rep., 18,044; H. C. Schrader, Pro., 448. Robinson's plurality, 1,440.

XIII. Counties of Elkhart, Kosciusko, Fulton, Pulaski, Marshall, St. Joseph, and Starke. M. M. Hathaway, Dem., 20,886; Abraham L. Brick, Rep., 23,368; T. E. Webb, Pro., 970; J. L. Korner, Pop., 217. Brick's plurality, 2,482.

PRESENT STATE GOVERNMENT.

Governor, James A. Mount; Lieutenant-Governor, W. S. Haggard; Secretary of State, U. B. Hunt; Treasurer, L. Levy; Auditor, W. H. Hart; Adjutant-General, J. K. Gore; Attorney-General, W. L. Taylor; Superintendent of Instruction, F. L. Jones; Commissioner of Insurance, C. W. Neal; Commissioner of Public Lands, L. G. Rothschild; Chief of Bureau of Statistics, J. B. Conner; Geologist, W. S. Blatchley—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John V. Hadley; Justices, James H. Jordan, A. Dowling, L. J. Monks, F. E. Baker; Clerk of the Court, R. A. Brown—all Republicans.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	29	60	89
Democrats	21	40	61
Republican majority	8	20	28

INDIANA—*Continued.*

VOTE OF THE STATE SINCE 1872.

	Dem.	Rep.	Gr.	Pro.	Plu.
1872 President	163,632	186,147	....	....	22,515 R
1874. Sec. State	132,154	164,902	16,233	....	17,252 D
1876. President	213,526	208,011	9,533	....	5,515 D
1878. Sec. State	194,491	180,755	39,448	....	13,736 D
1880. President	225,528	232,164	12,985	....	6,641 R
1882. Sec. State	220,924	210,000	13,615	....	10,924 D
1884. President	244,992	238,480	8,293	3,028	6,512 D
1886. Lt.-Gov.	228,598	231,922	4,646	9,185	3,324 R
			U. Lab.		
1888. President	261,013	263,361	2,694	9,881	2,348 R
			Pop.		
1890. Sec. State	233,881	214,302	17,554	12,106	19,579 D
1892. President	262,740	255,615	22,208	13,050	7,125 D
1894. Sec. State	238,722	283,405	29,388	11,157	44,673 R
1896 President	305,573	223,754	....	3,056	18,181 R
1898. Sec. State	269,125	286,643	5,867	9,961	17,518 R

IOWA.

Counties. (99.)	Governor, 1899.				President, 1896.	
	White, Dem.	Shaw, Rep.	Atwood, Pro.	Lloyd, Pop.	Bryan, Dem.	McKinley Rep.
Adair	1,685	2,047	35	18	1,946	2,127
Adams	1,380	1,585	69	14	1,701	1,736
Allamakee	1,799	2,251	23	2	1,897	2,471
Appanoose	2,376	2,935	51	36	2,940	3,046
Audubon	1,282	1,657	21	5	1,417	1,705
Benton	2,653	2,973	64	15	2,560	3,604
Blackhawk	1,686	3,070	106	11	2,167	4,643
Boone	1,967	2,971	186	8	2,801	3,741
Bremer	1,941	1,783	38	7	1,704	2,116
Buchanan	1,792	2,437	178	5	2,523	2,865
Buena Vista	786	1,818	82	24	1,178	2,368
Butler	965	1,992	40	2	1,372	2,670
Calhoun	806	2,027	36	6	1,280	2,698
Carroll	2,244	1,933	10	6	2,417	2,066
Cass	1,759	2,590	24	35	2,240	2,959
Cedar	2,151	2,520	102	6	2,128	2,717
Cerro Gordo	951	2,235	127	8	1,408	3,048
Cherokee	1,160	1,733	165	11	1,464	2,343
Chickasaw	2,091	1,813	31	5	2,084	1,967
Clarke	1,317	1,647	42	9	1,517	1,646
Clay	647	1,624	48	16	933	1,880
Clayton	2,753	2,606	65	8	2,910	3,302
Clinton	4,284	4,024	35	13	4,590	5,584
Crawford	2,252	1,953	95	9	2,296	2,189
Dallas	1,497	2,687	135	21	2,316	3,326
Davis	1,958	1,546	40	51	2,367	1,652
Decatur	1,991	2,187	31	30	2,362	2,268
Delaware	1,277	2,110	46	10	1,778	2,799
Des Moines	3,469	3,244	46	9	3,741	4,549
Dickinson	386	1,063	67	12	517	1,131
Dubuque	5,931	3,863	47	8	6,570	5,203
Emmet	328	931	96	6	559	1,429
Fayette	2,547	3,426	108	22	2,822	3,522
Floyd	1,089	2,117	61	15	1,461	2,749
Franklin	461	1,743	23	1	894	2,439
Fremont	2,030	1,878	40	15	2,857	1,948
Greene	1,163	2,115	40	6	1,629	2,606
Grundy	1,169	1,661	46	3	1,206	1,894
Guthrie	1,652	2,294	72	8	2,220	2,541
Hamilton	869	2,094	19	6	1,300	3,074
Hancock	800	1,875	32	9	1,007	1,975
Hardin	816	2,329	101	6	1,568	3,575
Harrison	2,641	2,775	117	46	3,214	2,839
Henry	1,707	2,356	67	15	2,092	2,774
Howard	1,318	1,557	78	2	1,507	1,929
Humboldt	559	1,504	13	5	783	2,010
Ida	1,228	1,322	29	6	1,421	1,475
Iowa	1,934	2,067	46	24	1,956	2,391
Jackson	2,584	2,623	33	29	3,019	2,768
Jasper	3,009	3,330	84	24	3,279	3,713
Jefferson	1,297	2,072	75	11	1,772	2,478
Johnson	3,075	2,735	26	14	3,170	2,910
Jones	2,140	2,586	66	..	2,143	3,057
Keokuk	2,620	2,927	127	10	2,891	3,166
Kossuth	1,748	2,501	23	5	1,861	2,930

IOWA—*Continued.*

Counties.	Governor, 1899.				President, 1896.	
	White, Dem.	Shaw, Rep.	Atwood, Pro.	Lloyd, Pop.	Bryan, Dem.	McKinley Rep.
Lee	4,437	3,288	44	22	5,153	4,847
Linn	3,966	5,735	203	16	5,283	7,335
Louisa	993	1,914	60	12	1,334	2,035
Lucas	1,153	1,691	107	9	1,621	1,859
Lyon	1,208	1,257	37	7	1,464	1,568
Madison	1,828	2,232	64	152	2,224	2,313
Mahaska	3,120	3,595	198	17	3,974	4,256
Marion	2,506	2,526	157	29	3,119	2,741
Marshall	1,991	3,781	205	6	2,626	4,541
Mills	1,685	1,995	74	20	1,958	2,153
Mitchell	567	1,752	46	2	1,031	2,498
Monona	1,665	1,638	52	63	2,558	1,526
Monroe	1,707	1,860	120	31	2,086	1,836
Montgomery	1,132	2,291	50	11	1,634	2,927
Muscatine	2,872	3,114	65	43	2,863	3,627
O'Brien	1,380	1,843	21	12	1,562	2,421
Osceola	822	905	26	..	767	1,094
Page	1,265	2,553	212	26	2,390	3,213
Palo Alto	1,357	1,619	41	9	1,547	1,595
Plymouth	2,142	2,219	69	46	2,392	2,623
Pocahontas	1,212	1,683	49	10	1,377	1,866
Polk	4,313	7,189	363	48	7,087	11,127
Pottawattamie	4,378	5,247	100	32	5,468	5,810
Poweshiek	1,587	2,534	71	8	2,013	2,969
Ringgold	1,218	1,997	60	12	1,651	2,209
Sac	1,155	2,151	130	6	1,346	2,513
Scott	4,197	4,448	48	9	4,032	6,449
Shelby	1,962	1,849	17	12	2,175	2,019
Sioux	1,532	2,332	40	7	1,898	2,841
Story	887	2,917	115	6	1,589	3,630
Tama	2,448	2,710	96	5	2,596	3,054
Taylor	1,647	2,413	50	9	2,293	2,468
Union	1,771	2,021	123	38	2,425	2,196
Van Buren	1,702	2,222	44	9	2,076	2,478
Wapello	3,297	3,865	87	83	4,041	4,319
Warren	1,905	2,497	139	21	2,214	2,826
Washington	1,920	2,366	128	11	2,292	2,882
Wayne	1,861	2,074	129	18	2,115	2,101
Webster	1,999	3,084	144	35	2,557	3,691
Winnebago	331	1,321	34	13	714	1,912
Winneshiek	1,524	2,695	38	6	2,033	3,422
Woodbury	3,298	4,883	172	51	4,876	6,204
Worth	429	1,242	15	6	584	1,696
Wright	812	2,137	70	1	1,138	2,992
Total	183326	239543	7,650	1,694	223741	289293
Plurality	..	56,217	..	..	..	65,552
Per cent	42.29	55.25	1.76	0.39	42.82	55.46
Scattering	1,246				8,513	
Whole vote	433,459				521,547	

The scattering vote in 1899 was: Kremer, Soc. L., 763; Heacock, United Christian, 483.

The scattering vote in 1896 was: Palmer, Nat Dem., 4,516; Levering, Pro., 3,192; Bentley, Nat. Pro., 352; Matchett, Soc. L., 453.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Des Moines, Henry, Jefferson, Lee, Louisa, Van Buren, and Washington. D. J. O'Connell, Fus., 14,568; Thomas Hedge, Rep., 17,817; J. W. Glasgow, Pro., 456. Hedge's plurality, 3,249.

II. Counties of Clinton, Iowa, Jackson, Johnson, Muscatine, and Scott. John J. Ney, Fus., 17,508; Joseph R. Lane, Rep., 18,790; J. B. Welzenback, Soc. L., 396; E. Elliott, Pro., 260; A. W. Ricker, Pop., 193. Lane's plurality, 1,282.

III. Counties of Blackhawk, Bremer, Buchanan, Butler, Delaware, Dubuque, Franklin, Hardin, and Wright. J. H. Howell, Fus., 15,493; David B. Henderson, Rep., 22,512; E. J. Dean, Ind., 78. Henderson's plurality, 7,019.

IV. Counties of Allamakee, Cerro Gordo, Chickasaw, Clayton, Fayette, Floyd, Howard, Mitchell, Winneshiek, and Worth. T. T. Blaise, Fus., 13,849; G. N. Haugen, Rep., 21,468; P. Wooding, Pro., 462; T. Tracy, Pop., 117; P. Woodman, Ind., 4. Haugen's plurality, 7,619

OWA—*Continued.*

V. Counties of Benton, Cedar, Grundy, Jones, Linn, Marshall, and Tama. L. J. Rowell, Fus., 15,970; R. G. Cousins, Rep., 21,335; J. G. Van Ness, Pro., 719; J. W. Whitmer, Pop., 76; L. G. Wood, Ind., 42. Cousins' plurality, 5,365.

VI. Counties of Davis, Jasper, Keokuk, Mahaska, Monroe, Poweshiek, and Wapello. J. B. Weaver, Fus., 18,267; John F. Lacey, Rep., 19,738; L. L. Turner, Pro., 518; L. M. Morris, Pop., 294. Lacey's plurality, 1,471.

VII. Counties of Dallas, Madison, Marion, Polk, Story, and Warren. C. O. Holly, Fus., 12,261; John A. T. Hull, Rep., 19,913; T. G. Orwig, Pro., 892; C. M. Iams, Pop., 501. Hull's plurality, 7,652.

VIII. Counties of Adams, Appanoose, Clarke, Decatur, Fremont, Lucas, Page, Ringgold, Taylor, Union, and Wayne. G. L. Finn, Fus., 18,503; W. P. Hepburn, Rep., 22,327; C. L. Parsons, Pro., 817; D. C. Cowles, Pop., 402. Hepburn's plurality, 3,824.

IX. Counties of Adair, Audubon, Cass, Guthrie, Harrison, Mills, Montgomery, Pottawattamie, and Shelby J. A. Lyons, Fus., 17,484; Smith McPherson, Rep., 21,976; S. M. Blackman, Pro., 378; L. McDowell, Pop., 296. McPherson's plurality, 4,492.

X. Counties of Boone, Calhoun, Carroll, Crawford, Emmet, Greene, Hamilton, Hancock, Humboldt, Kossuth, Palo Alto, Pocahontas, Webster, and Winnebago. E. Anderson, Fus., 17,777; J. P. Dolliver, Rep., 25,180; P. J. Shaw, Pro., 613; A. Norelius, Pop., 155. Dolliver's plurality, 7,403.

XI. Counties of Buena Vista, Cherokee, Clay, Dickinson, Ida, Lyon, Monona, O'Brien, Osceola, Plymouth, Sac, Sioux, and Woodbury. A. S. Garretson, Fus., 16,117; Lot Thomas, Rep., 22,400; J. M. Hoffman, Pro., 723; J. O. McElroy, Pop., 353. Thomas' plurality, 6,283.

PRESENT STATE GOVERNMENT.

Governor, Leslie M. Shaw; Lieutenant-Governor, J. C. Milliman; Superintendent of Public Instruction, R. C. Barrett; Secretary of State, Geo. L. Dobson; Auditor, F. F. Merriam; Treasurer, John Herriott; Attorney-General, Milton Remley; Adjutant-General, M. H. Beyers—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, C. T. Granger, Rep.; Judges, Scott M. Ladd, Rep.; Josiah Given, Rep.; C. M. Waterman, Rep.; H. E. Deemer, Rep.; J. C. Sherwin, Rep.; Clerk of the Court, C. T. Jones, Rep.

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Republicans	35	81	116
Democrats	15	19	34
	—	—	—
Republican majority	20	62	82

VOTE OF THE STATE SINCE 1872.

	Dem	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. Pres.	71,134	131,173	....	....	*60,039 R
1876. Pres.	112,121	171,332	9,400	....	49,721 R
1880. Pres.	105,845	183,904	32,327	....	78,059 R
1884. Pres.	†177,316	197,089	....	1,472	19,773 R
1888. Pres.	179,887	211,598	9,105	3,550	31,711 R
1891. Gov.	207,589	199,373	12,271	919	8,216 D
			Pop.		
1892. Pres.	196,367	219,795	20,595	6,402	23,428 R
1894. Sec. State	149,980	229,376	34,907	7,457	79,396 R
1895. Gov.	149,433	208,689	32,118	11,052	59,256 R
	D. & Pop.		*N. D.*		
1896 Sec. State	224,812	288,715	....	3,533	63,903 R
1896. Pres.	223,741	289,293	4,516	3,192	65,552 R
1897 Gov.	194,514	224,501	4,268	8,357	29,987 R
	Dem.		*Pop.*		
1898. Sec. State	173,000	236,524	3,472	7,559	63,524 R
1899. Gov.	183,326	239,543	1,694	7,650	56,217 R

*Majority. †Democratic and G'back Fusion vote.

KANSAS.

Counties. (106.)	Governor, 1898.		President, 1896.		
	Leedy, Fus.	Stanley, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Allen	1,334	1,812	1,660	1,833	22	21
Anderson	1,568	1,605	1,892	1,780	14	35
Atchison	2,177	2,259	2,965	3,326	16	10
Barber	662	654	735	597	4	10
Barton	1,433	1,248	1,616	1,215	18	4
Bourbon	2,200	2,538	3,067	2,900	28	20
Brown	2,001	2,557	2,618	2,879	20	49
Butler	2,275	2,352	2,926	2,414	9	22
Chase	825	863	981	812	8	12
Chautauqua	1,070	1,350	1,293	1,359	10	5
Cherokee	3,311	2,935	5,108	3,505	46	44
Cheyenne	299	284	322	327	4	4
Clark	187	181	192	182	..	..
Clay	1,613	1,620	1,933	1,655	7	32
Cloud	1,843	1,824	2,129	1,718	9	21
Coffee	1,733	1,864	2,194	2,000	36	32
Comanche	144	187	170	142	2	..
Cowley	2,805	3,077	3,410	2,871	20	51
Crawford	3,565	3,113	4,765	3,868	38	24
Decatur	801	620	1,032	594	4	3
Dickinson	1,990	2,270	2,392	2,291	16	28
Doniphan	1,132	2,304	1,332	2,549	8	6
Douglas	2,117	2,740	2,574	3,582	17	42
Edwards	412	384	479	322	2	5
Elk	1,335	1,384	1,470	1,339	4	7
Ellis	919	541	1,050	460	13	9
Ellsworth	744	1,135	994	1,084	1	5
Finney	290	470	365	505	1	1
Ford	538	552	643	555	3	6
Franklin	2,219	2,360	3,152	2,609	9	23
Garfield	..	..	..	..	..	..
Geary	871	944	1,174	1,051	8	16
Gove	201	320	204	279	14	4
Graham	630	405	648	343	3	3
Grant	36	52	60	51	..	..
Gray	112	171	133	153	..	..
Greeley	33	99	76	121	..	2
Greenwood	1,737	1,775	2,062	1,835	10	12
Hamilton	157	204	216	185	3	1
Harper	1,043	958	1,335	812	11	13
Harvey	1,307	1,945	1,681	2,082	17	24
Haskell	38	72	54	81	3	..
Hodgeman	209	278	224	262	..	2
Jackson	1,450	2,041	1,955	2,158	11	20
Jefferson	1,773	2,102	2,276	2,322	19	25
Jewell	1,914	2,072	2,342	1,902	7	19
Johnson	1,949	2,021	2,462	2,313	23	30
Kearney	111	177	172	172	1	..
Kingman	1,015	1,110	1,393	988	12	16
Kiowa	214	266	246	250	3	1
Labette	2,979	3,027	3,669	3,206	20	34
Lane	172	232	191	241	2	5
Leavenworth	3,389	3,120	4,665	4,004	21	45
Lincoln	990	845	1,382	787	12	8
Linn	1,901	1,909	2,425	2,153	21	16
Logan	150	277	175	274	3	2
Lyon	2,199	2,567	3,276	2,860	8	70
Marion	1,232	2,072	1,699	2,285	26	23
Marshall	2,354	2,871	2,776	3,052	29	25
McPherson	1,860	2,333	2,324	2,269	14	28
Meade	142	198	493	203	1	2
Miami	2,046	2,270	2,812	2,541	23	13
Mitchell	1,504	1,382	1,889	1,428	1	22
Montgomery	2,661	2,688	3,120	2,714	27	15
Morris	1,161	1,425	1,456	1,484	15	15
Morton	24	40	36	52	..	1
Nemaha	2,145	2,316	2,478	2,568	11	26
Neosho	2,007	2,040	2,501	2,177	16	17
Ness	455	413	527	354	1	16
Norton	966	1,059	1,260	941	3	26
Osage	2,592	2,579	3,482	2,903	5	48
Osborne	1,107	1,340	1,408	1,325	17	21
Ottawa	1,170	1,312	1,486	1,256	5	13
Pawnee	609	554	635	499	11	6
Phillips	1,349	1,471	1,506	1,374	10	15
Pottawatomie	1,902	2,245	2,280	2,308	23	13
Pratt	643	607	820	621	2	10

KANSAS—*Continued.*

Counties.	Governor, 1898.		President, 1896.			
	Leedy, Fus.	Stanley, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N.D.	Levering, Pro.
Rawlins	528	470	609	439	2	1
Reno	2,458	2,993	3,053	3,373	22	28
Republic	1,636	2,142	1,913	2,033	11	17
Rice	1,358	1,705	1,731	1,729	19	57
Riley	1,122	1,728	1,443	1,890	20	20
Rooks	820	841	971	817	5	7
Rush	561	609	645	515	4	4
Russell	686	960	823	902	5	19
Saline	1,904	1,808	2,334	1,706	10	9
Scott	138	121	161	91	..	1
Sedgwick	4,187	4,203	5,434	4,122	17	53
Seward	56	88	78	100	..	1
Shawnee	3,805	5,937	5,536	6,978	31	78
Sheridan	367	363	384	283	28	2
Sherman	339	333	437	291	1	2
Smith	1,740	1,524	2,017	1,385	7	29
Stafford	968	808	1,282	710	1	13
Stanton	38	42	57	55	..	..
Stevens	75	48	101	48	..	..
Sumner	2,429	2,801	3,049	2,515	12	37
Thomas	460	376	488	304	2	2
Trego	305	294	340	256	..	3
Wabaunsee	1,174	1,464	1,445	1,586	12	18
Wallace	79	163	124	181	..	..
Washington	1,983	2,565	2,391	2,514	39	11
Wichita	117	211	191	214	..	3
Wilson	1,599	1,769	1,959	1,852	7	7
Woodson	1,075	1,209	1,189	1,288	7	10
Wyandotte	3,960	4,286	6,882	6,852	80	30
Total	134158	149292	171810	159541	1,209	1,921
Plurality	..	15,134	12,269	..	..	..
Per cent.	46.84	52.13	51.05	47.16	0.36	0.57
Scattering	2,929		1,862			
Whole vote.	286,379		336,134			

Of the scattering vote for Governor in 1898, Peffer, Pro., had 1,092 and Lipscomb, Soc. L., 642.

Bryan's vote was: Dem., 126,456; Pop., 45,354—171,810. Middle-of-the-Road Populists cast 1,232 votes. Bentley's vote was 630. The Democratic and People's tickets had the same electors.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

At Large—J. D. Botkin. Fusion, 130,801; W. J. Bailey, Rep., 147,691; M. Williams, Pro., 2,021; F. E. Miller, Soc. L., 630.

Districts.

I. Counties of Atchison, Brown, Doniphan, Jackson, Jefferson, Leavenworth, Nemaha, and Shawnee. W. W. Price, Fus., 16,187; Charles Curtis, Rep., 23,899. Curtis' majority, 7,712.

II. Counties of Allen, Anderson, Bourbon, Douglas, Franklin, Johnson, Linn, Miami, and Wyandotte. M. S. Peters, Fus., 19,024; J. D. Bowersock, Rep., 21,029. Bowersock's majority, 2,005.

III. Counties of Chautauqua, Cherokee, Cowley, Crawford, Elk, Labette, Montgomery, Neosho, and Wilson. E. B. Ridgely, Fus., 21,739; S. S. Kirkpatrick, Rep., 20,589. Ridgely's majority, 1,150.

IV. Counties of Butler, Chase, Coffey, Greenwood, Lyon, Marion, Morris, Osage, Pottawatomie, Wabaunsee, and Woodson. H. S. Martin, Fus., 17,410; J. M. Miller, Rep., 20,312. Miller's majority, 2,902.

V. Counties of Clay, Cloud, Geary, Dickinson, Marshall, Ottawa, Republic, Riley, Saline, and Washington. W. D. Vincent, Fus., 16,508; W. A. Calderhead, Rep., 18,981. Calderhead's majority, 2,473.

VI. N. B. McCormick, Pop., 14,732; W. A. Reeder, Rep., 16,833; W. G. Hoffer, Dem., 2,334. Reeder's plurality, 2,101.

KANSAS—*Continued.*

VII. Jerry Simpson, Fus., 24,834; Chester I. Long, Rep., 26,622. Long's majority, 1,788.

VOTE FOR STATE OFFICERS, 1896.

For Governor, J. W. Leedy, Dem.- Pop., 168,041; E. N. Morrill, Rep., 160,530; Horace Hurley, Pro., 2,347; A. E. Kepford, Ind., 703; Douthard, Nat., 757. Leedy's plurality, 7,511.

PRESENT STATE GOVERNMENT.

Governor, W. E. Stanley; Lieutenant-Governor, H. E. Richter; Secretary of State, G. A. Clark; Treasurer, Frank E. Grimes; Auditor, Geo. E. Cole; Attorney-General, A. A. Godard; Superintendent of Education, Frank Nelson; Commissioner of Agriculture, F. D. Coburn; Adjutant-General, S. M. Fox; Superintendent of Insurance, W. V. Church—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Frank Doster, Pop.; Associate Justices, Wm. R. Smith, Rep., and W. A. Johnston, Rep.; Clerk, D. A. Valentine, Rep.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	12	92	104
Fusion	28	32	60

VOTE OF THE STATE SINCE 1872.

	Dem.	Rep.	Gr.	Pro.	Plu.
1872. President	32,970	66,805	....	....	*33,835 R
1874. Governor	35,301	48,594	....	....	*13,293 R
1876. President	37,002	78,322	7,770	....	40,120 R
1878. Governor	37,208	74,020	27,057	....	36,812 R
1880. President	59,789	121,520	19,710	....	61,731 R
1882. Governor	83,237	75,158	20,989	....	8,079 D
1884. President	80,132	154,406	16,341	4,954	64,274 R
1886. Governor	115,697	149,615	....	8,094	33,918 R
			U. L.		
1888. President	102,745	182,904	37,788	6,779	80,159 R
			F. A.		
1890. Governor	71,357	115,025	106,972	1,230	8,053 R
			Pop.		
1892. President	....	157,237	163,111	4,539	5,874 P
1894. Governor	26,709	148,697	118,329	5,496	30,368 R
			Pr. Sil.		
1895. Ch. Justice	....	124,272	42,888	....	81,411 R
	Dem.-Pop.		N. D.		
1896. President	171,810	159,541	1,209	1,921	12,269DP
			Soc.L.		
1898. Governor	134,158	149,292	642	1,092	15,134 R

* Majority.

KENTUCKY.

Counties. (119.)	Governor, 1899.				President, 1896.	
	Goebel Dem.	Brown Ind. Dem.	Taylor Rep.	Blair, Pop.	Bryan, Dem.	McKinley Rep.
Adair	1,243	93	1,608	7	1,345	1,612
Allen	1,185	55	1,489	41	1,460	1,595
Anderson	1,152	67	1,127	8	1,286	1,151
Ballard	1,391	45	555	38	1,670	495
Barren	2,749	71	2,059	56	3,006	2,092
Bath	1,574	59	1,580	13	1,791	1,579
Bell	645	24	1,494	7	615	1,900
Boone	1,886	193	697	1	2,317	781
Bourbon	2,174	57	2,200	14	2,210	2,578
Boyd	1,470	17	1,868	5	1,241	2,087
Boyle	1,453	45	1,442	13	1,266	1,687
Bracken	1,718	18	1,178	1	1,762	1,226
Breathitt	1,506	26	750	..	1,204	776
Breckinridge	1,722	86	2,129	66	2,202	2,276
Bullitt	1,154	45	675	2	1,168	799
Butler	910	42	2,178	9	1,139	1,907
Caldwell	1,041	158	1,512	77	1,530	1,544
Calloway	2,125	41	647	93	2,572	561
Campbell	4,701	172	4,640	8	4,304	5,821
Carlisle	1,207	33	469	69	1,624	390
Carroll	1,471	179	696	1	1,778	685
Carter	1,483	19	2,095	4	1,665	2,440
Casey	1,090	14	1,521	2	1,061	1,643
Christian	2,816	112	3,471	30	3,145	4,525
Clark	2,169	87	1,736	8	2,055	2,022

KENTUCKY—*Continued.*

Counties.	Governor, 1899.				President, 1896.	
	Goebel Dem.	Brown Ind. Dem.	Taylor Rep.	Blair, Pop.	Bryan, Dem.	McKinley Rep.
Clay	478	10	1,387	3	707	1,725
Clinton	322	9	998	1	360	1,004
Crittenden	1,327	77	1,701	25	1,576	1,574
Cumberland	481	17	1,076	6	621	1,154
Daviess	3,811	251	3,274	68	4,952	3,105
Edmonson	736	28	978	12	863	952
Elliott	1,165	3	620	2	1,294	577
Estill	933	14	1,183	32	929	1,153
Fayette	3,538	188	3,277	8	3 988	5,143
Fleming	1,958	43	1,890	11	2,013	1,935
Floyd	1,238	46	1,082	5	1,410	1,057
Franklin	2,471	100	1,416	34	2 465	2,175
Fulton	965	62	369	12	1,414	603
Gallatin	881	34	402	2	933	396
Garrard	1,198	14	1,297	6	1,171	1,595
Grant	1,710	116	1,423	3	1 852	1,417
Graves	3,757	237	1,682	144	4,699	1,628
Grayson	1,243	145	1,963	200	2,002	1,874
Green	1,081	60	1,324	12	1 142	1,389
Greenup	1,322	23	1,556	2	1,369	1,802
Hancock	835	28	1,031	30	1 080	1,026
Hardin	1,950	387	1,726	53	2,848	1,885
Harlan	223	23	1,309	3	216	1,189
Harrison	2,457	117	1,529	9	2 690	1,705
Hart	1,646	102	2,086	6	1,951	1,999
Henderson	2,944	157	2,107	57	4,000	2,750
Henry	2,051	105	1,563	12	2,115	1,711
Hickman	1,433	40	637	24	1,928	727
Hopkins	2,307	262	2,597	110	3 470	2,490
Jackson	224	22	1,541	2	189	1,517
Jefferson	15,023	2,672	18,445	40	16,707	29,107
Jessamine	1,391	22	1,135	6	1 428	1 343
Johnson	837	21	1,715	4	975	1,794
Kenton	6,792	359	4,576	20	7,008	6 165
Knott	873	..	438	..	795	404
Knox	730	19	2,115	7	833	2 237
Larue	1,127	89	1,000	17	1 324	955
Laurel	919	19	1,849	24	969	1 921
Lawrence	1,720	19	1,869	8	1,820	1 966
Lee	588	10	770	..	587	881
Leslie	84	5	1,052	3	81	913
Letcher	371	5	830	3	388	813
Lewis	1,352	17	2,197	25	1 433	2,343
Lincoln	1,752	26	1,774	3	1 628	1 833
Livingston	1,233	17	863	50	1 346	872
Logan	2,494	211	2,462	131	3 266	2 484
Lyon	809	47	665	43	969	763
Madison	2,802	86	2,893	12	2,756	3 100
Magoffin	835	11	1,161	3	833	1 148
Marion	1,785	63	1,399	4	1,873	1,575
Marshall	1,081	112	720	201	1 926	568
Martin	167	9	640	1	227	730
Mason	2,729	60	2,357	10	2 698	2 575
McCracken	2,184	200	1,778	55	2,955	2 284
McLean	1,081	45	1,083	52	1,389	935
Meade	1,054	61	791	19	1 519	781
Menifee	652	45	403	2	636	359
Mercer	1,381	134	1,667	35	1,745	1 765
Metcalfe	952	42	1,079	8	908	1 153
Monroe	750	8	1,562	13	794	1,613
Montgomery	1,356	145	1,408	..	1 609	1 484
Morgan	1,558	20	986	19	1,642	910
Muhlenberg	1,397	175	2,095	27	1 700	2 217
Nelson	1,959	112	1,271	13	2 223	1 446
Nicholas	1,627	89	1,184	17	1 878	1 159
Ohio	2,239	104	2,824	74	2 679	2 653
Oldham	765	123	589	7	946	691
Owen	2,975	165	1,200	16	3.373	1,086
Owsley	243	9	1,039	4	197	983
Pendleton	1,682	78	1,554	19	1 939	1,585
Perry	433	9	903	..	340	824
Pike	1,726	94	2,150	4	1,900	2 141
Powell	698	22	611	2	688	625
Pulaski	1,659	110	3,205	43	2 099	3,668
Robertson	674	10	469	2	666	449
Rockcastle	812	12	1,528	4	846	1 480
Rowan	643	28	814	7	650	767
Russell	578	12	985	..	612	1 038
Scott	2,218	89	1,868	6	2,237	2,111

KENTUCKY—*Continued.*

Counties.	Governor, 1899.				President, 1896.	
	Goebel Dem.	Brown Ind. Dem.	Taylor Rep.	Blair, Pop.	Bryan, Dem.	McKinley Rep.
Shelby	2,322	137	1,825	44	2,524	2,029
Simpson	1,270	85	795	36	1,531	888
Spencer	882	64	551	10	959	596
Taylor	1,029	44	1,101	40	1,166	1,050
Todd	1,512	101	1,725	31	1,707	1,793
Trigg	1,180	84	1,188	57	1,533	1,295
Trimble	993	191	362	2	1,267	418
Union	2,538	54	1,116	47	3,183	1 249
Warren	2,495	709	2,655	36	3,716	2,866
Washington	1,615	59	1,433	18	1,536	1,573
Wayne	1,193	21	1,386	2	1 190	1,413
Webster	1,776	80	1 671	59	2,471	1,484
Whitley	730	25	3 091	10	862	3,130
Wolfe	846	44	655	5	981	583
Woodford	1,446	54	1,399	9	1,546	1,665
Total	191331	12,140	193714	3,038	217890	218171
Plurality	..	..	2,383	..	..	281
Per cent	47.47	3.01	48.00	0.75	48.87	48.92
Scattering	2,856				9,895	
Whole vote	403,097				445,775	

The scattering vote for Governor in 1899 was: Wallace, Pro., 2,346; Schmutz, Soc. L., 510.

In the Presidential vote of 1896 W. B. Smith, the first Democratic elector, ran ahead of his ticket and was elected, thus giving one electoral vote in Kentucky to Bryan.

The scattering vote for President in 1896 was: Palmer, Nat. Dem., 5,114; Levering, Pro., 4,781.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, and Trigg. Charles K. Wheeler, Dem., 10,580; G. W. Reeves, Rep., 5,036. Wheeler's majority, 5,544.

II. Counties of Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Union, and Webster. H. D. Allen, Dem., 8,939; W. J. Fowler, Rep., 4,463; G. W. Jolly, Ind., 1,641; S. James, Pop., 569. Allen's plurality, 4,476.

III. Counties of Allen, Barren, Butler, Edmonson, Logan, Metcalfe, Monroe, Muhlenberg, Simpson, Todd, and Warren. John S. Rhea, Dem., 14,771; M. P. Creel, Rep., 11,748; J. S. Dorsey, Pop., 394. Rhea's plurality, 3,023.

IV. Counties of Breckinridge, Bullitt, Grayson, Greene, Hardin, Hart, Larue, Marion, Meade, Nelson, Ohio, Taylor, and Washington. D. H. Smith, Dem., 16,696; C. Blanford, Rep., 12,826; R. H. Mullin, Pop., 689. Smith's plurality, 3,870.

V. County of Jefferson. Oscar Turner, Dem., 14,770; Walter Evans, Rep., 14,202; J. H. Hambrick, Ind., 421; A. Schmutz, Soc. L., 394. Turner's plurality, 568.

VI. Counties of Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Pendleton, and Trimble. A. S. Berry, Dem., 13,130; W. M. Donaldson, Rep., 8,962. Berry's majority, 4,168.

VII. Counties of Bourbon, Fayette, Franklin, Henry, Oldham, Owen, Scott, and Woodford. Evan E. Settle, Dem., 12,904; T. J. Hardin, Rep., 6,168. Settle's majority, 6,736.

VIII. Counties of Anderson, Boyle, Garrard, Jessamine, Lincoln, Madison, Mercer, Rockcastle, Shelby, and Spencer. G. G. Gilbert, Dem., 13,047; G. M. Davidson, Rep., 12,206; W. H. Ziegler, Ind., 435. Gilbert's plurality, 841.

KENTUCKY—*Continued.*

IX. Counties of Bracken, Bath, Boyd, Carter, Fleming, Greenup, Harrison, Lewis, Lawrence, Mason, Nicholas, Robertson, and Rowan. Mordecai Williams, Dem., 16,732; Samuel J. Pugh, Rep., 16,742. Pugh's majority, 10.

X. Counties of Breathitt, Clark, Elliott, Estill, Floyd, Johnson, Knott, Lee, Martin, Magoffin, Montgomery, Morgan, Menifee, Pike, Powell, and Wolfe. T. Y. Fitzpatrick, Dem., 13,456; W. J. Seitz, Rep., 11,402. Fitzpatrick's majority, 2,054.

XI. Counties of Adair, Bell, Casey, Clay, Clinton, Harlan, Knox, Letcher, Leslie, Laurel, Metcalfe, Owsley, Perry, Pulaski, Russell, Wayne, and Whitley. H. H. Tye, Dem., 3,319; Vincent Boreing, Rep., 15,706; J. D. White, Ind. Rep., 11,244; A. J. Bowman, Pop., 102. Boreing's plurality, 4,462.

PRESENT STATE GOVERNMENT.†

Governor, W. S. Taylor; Lieutenant-Governor, John Marshall; Secretary of State, Caleb Powers; Treasurer, Walter R. Day; Auditor, John S. Sweeney; Superintendent of Public Instruction, John Burke; Commissioner of Agriculture, J. W. Throckmorton; Attorney-General, Cliff J. Pratt; Adjutant-General, D. R. Collier—all Republicans.

JUDICIARY.

Court of Appeals: Chief Justice, James H. Hazelrigg, Dem.; Justices, J. D. White, Dem.; B. L. D Guffy, Rep.; George Du Relle, Rep.; A. Rollins Burnam, Rep.; T. H. Paynter, Dem.; J. P. Hobson, Dem.; Clerk, Samuel J. Shackelford, Dem.

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Democrats	26	59	85
Republicans	12	41	53
Democratic majority	14	18	32

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. Pres..	100,212	88,816	....	....	*11,396 D
1876. Pres.	159,690	97,156	1,944	....	62,634 D
1880. Pres..	147,999	104,550	11,498	....	43,449 D
1884. Pres..	152,961	118,763	1,693	....	3,139 34,198 D
			Lab.		
1887. Gov...	144,619	127,604	4,487	....	8,390 17,015 D
1888. Pres..	183,800	155,134	629	....	5,225 28,666 D
1891. Gov...	144,168	116,087	25,631	....	3,293 28,081 D
			Pop.		
1892. Pres..	175,461	135,441	23,500	....	6,442 40,020 D
1895. Gov...	163,524	172,436	16,911	....	4,186 8,912 R
			N. D.		
1896. Pres..	217,890	218,171	....	5,114	4,781 281 R
1897. Clerk.	187,482	169,678	7,274	9,562	1,734 17,804 D
			I. D.		
1899. Gov.†.	191,331	193,714	3,038	12,140	2,346 2,383 R

* Majority. †On Jan. 31, 1900, Wm. Goebel (Dem.) was sworn in as Governor, having been declared elected by the Legislature.

LOUISIANA.

Parishes. (59.)	President, 1896. Bryan Dem.	McKinley Rep.	Palmer, N.D.	President, 1892. Cleveland, Dem.	Fusion Rep. and Pop.*	Pres. 1888. Cleveland, Dem.
Acadia	1,082	234	11	258	114	607
Ascension	737	722	43	2,099	210	1,965
Assumption	344	1,070	40	1,276	733	2,239
Avoyelles	1,657	214	12	1,696	125	1,507
Baton R., E.	1,412	595	58	1,072	640	1,270
Baton R., W.	237	279	..	1,487	227	573
Bienville	1,491	51	11	1,620	443	988
Bossier	1,146	22	10	2,914	..	2,155
Caddo	1,812	285	68	2,552	235	2,541
Calcasieu	2,658	891	30	1,089	664	1,420
Caldwell	610	26	3	670	234	882
Cameron	254	37	6	180	5	203
Carroll, East	235	185	24	1,287	35	1,996
Carroll, West	537	1	..	408	1	563
Catahoula	811	74	3	1,081	439	733
Claiborne	1,757	53	24	1,444	167	1,653
Concordia	1,085	80	7	3,593	..	2,477
De Soto	1,940	153	26	1,598	293	1,020

LOUISIANA—*Continued.*

Parishes.	President, 1896. Bryan, Dem.	McKinley Rep.	Palmer, N.D.	President, 1892. Cleveland, Dem.	Fusion Rep. and Pop.*	Pres. 1888. Cleveland, Dem.
Feliciana, E.	1,548	15	9	1,355	96	826
Feliciana, W.	919	44	19	1,593	.	1,795
Franklin	871	28	19	796	26	566
Grant	780	123	13	206	519	584
Iberia	939	391	11	576	13	1,594
Iberville	358	600	18	1,609	660	1,116
Jackson	705	18	2	396	306	519
Jefferson	1,383	352	9	1,275	235	594
Lafayette	825	167	18	664	..	1,373
Lafourche	1,129	386	12	2,922	200	2,335
Lincoln	1,241	40	25	695	1,075	842
Livingston	693	72	3	333	225	377
Madison	1,248	96	12	3,433	17	2,523
Morehouse	853	46	7	1,176	82	1,286
Natchitoches	1,056	23	9	1,140	516	1,599
Orleans	17,487	8,295	789	19,234	6,194	15,473
Ouachita	2,712	93	11	2,701	241	2,702
Plaquemines	1,502	540	11	927	1,138	703
P'te Coupée	773	410	24	893	323	878
Rapides	2,600	142	37	3,446	467	3,397
Red River	832	26	5	927	320	1,479
Richland	706	61	11	882	23	1,090
Sabine	1,469	36	6	809	764	642
St. Bernard	569	66	11	449	193	561
St. Charles	125	282	8	345	704	105
St. Helena	522	59	43	306	77	393
St. James	210	1,417	21	575	668	543
St. John Bapt.	180	539	24	503	1,118	399
St. Landry	1,786	242	7	1,136	920	1,631
St. Martin	679	76	29	491	13	1,009
St. Mary	591	580	93	1,311	284	1,781
St. Tammany	636	317	32	501	239	374
Tangipahoa	1,429	395	5	786	132	902
Tensas	1,168	236	16	2,351	213	2,787
Terrebonne	597	348	25	1,210	579	1,484
Union	1,586	86	9	1,216	637	2,033
Vermilion	702	196	5	816	232	977
Vernon	697	35	12	361	342	588
Washington	1,168	48	5	399	143	417
Webster	774	97	26	1,441	286	1,310
Winn	682	42	6	211	787	553
Total	77,175	22,037	1,834	87,922	26,563	85,032
Majority	..	..	..	61,359	..	54,548
Plurality	55,138	..	..	..	..	..
Per cent.	76.37	21.80	1.81	76.79	23.21	73 40
Scattering	..	..	..	..	..	229
Whole vote	101,046			114,485		115744

McKinley's separate votes were: Regular, 18,320; Sugar Planters, 3,717.

* The Fusion ticket contained 5 Harrison and 3 Weaver electors. The Populists ran 1,231 ahead of the Republicans, the highest Harrison elector receiving 25,332 votes. Harrison's vote was 30,484.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Parishes of Plaquemines and St. Bernard, and part of the city of New Orleans. Adolph Meyer, Dem., 5,422; C. W. Keating, Rep., 896. Meyer's majority, 4,523.

II Parishes of Jefferson, St. Charles, St. John Baptist, and St. James, and part of the city of New Orleans. R. C. Davey, Dem., 6,802; F. N. Wicker, Rep., 1,054. Davey's majority, 5,748.

III. Parishes of Ascension, Assumption, Calcasieu, Cameron, Iberia, Iberville, Lafayette, Lafourche, St. Martin, St. Mary, Terrebonne, and Vermilion. Robert F. Broussard, Dem., 4,929; Charles Fontelieu, Rep., 974. Broussard's majority, 3,955.

IV. Parishes of Bienville, Bossier, Caddo, De Soto, Grant, Natchitoches, Rapides, Red River, Sabine, Vernon, Webster, and Winn. Phanor Brazeale, Dem., 4,424; Hardy L. Brian, Rep., 1,476. Brazeale's majority, 2,948.

LOUISIANA—*Continued.*

V. Parishes of Caldwell, East Carroll, West Carroll, Catahoula, Claiborne, Concordia, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, and Union. S. Baird, Dem., 3,558; J. G. Taliaferro, Rep., 1,096, H. B. Taliaferro, Ind., 151. Baird's plurality, 2,462.

VI. Parishes of Acadia, Avoyelles, Baton Rouge, East; Baton Rouge, West, Feliciana, East; Feliciana, West; Livingston, Pointe Coupée, St. Helena, St. Landry, St. Tammany, Tangipahoa, and Washington. S. M. Robertson, Dem., 2,494. No opposition.

PRESENT STATE GOVERNMENT.

Governor, Murphy J. Foster, Lieutenant-Governor, R. H. Snyder; Secretary of State, John T. Michel; Treasurer, A. V. Fournette; Auditor, W. W. Heard; Attorney-General, M. J. Cunningham; Superintendent of Education, J. V. Calhoun; Adjutant-General, Allen Jumel; Commissioner of Agriculture, Leon Jastremski, Commissioner of Insurance, John T. Michel—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, F. T. Nicholls; Associate Justices, Newton C. Blanchard, Lynn B. Watkins, Jos. A. Breaux, Frank A. Monroe; Clerk, T. McC. Hyman—all Democrats.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	28	60	88
Republicans	7	24	31
Populists	1	14	15
Democratic majority	20	22	42

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Maj.*
1872. President	66,467	59,975	6,492 D
1872. President	*57,029	71,634	14,605 R
1876. President	83,723	77,174	6,549 D
1876. President	*70,508	75,315	4,807 R
1880. President	65,067	38,628	26,439 D
1884. President	62,529	46,347	16,182 D
1888. President	85,032	30,484	54,548 D
		Rep. *F. A.*	*Plu.*
1892. Governor	†126,009	‡40,135 8,502	85,874 D
		Fusion.	
1892. President	87,922	26,563	61,359 D
		Fusion.	
1896. Governor	116,216	90,138	26,078 D
		Rep. *Nat. D.*	
1896. President	77,175	22,037 1,834	55,138 D

* Count of the Rep. Returning Board. † Combined Dem. vote. ‡ Combined Rep. vote.

MAINE.

Counties. (16.)	Governor, 1898.		President, 1896.			
	Lord, Dem.	Powers, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Androscoggin	2,468	3,890	2,513	5,548	157	111
Aroostook	1,542	3,254	1,384	4,879	42	239
Cumberland	4,767	7,922	5,175	11,017	450	224
Franklin	714	1,815	886	2,578	49	38
Hancock	1,436	2,696	1,792	4,306	119	51
Kennebec	1,881	4,647	2,807	7,889	106	191
Knox	2,430	2,915	1,903	3,286	103	35
Lincoln	1,036	2,041	1,211	2,596	62	37
Oxford	1,012	2,805	1,677	4,779	159	67
Penobscot	2,596	5,067	4,031	8,414	91	133
Piscataquis	508	1,197	1,004	2,342	36	46
Sagadahoc	437	1,517	957	2,725	79	45
Somerset	1,641	2,901	2,018	4,696	82	97
Waldo	1,606	2,551	1,939	3,252	50	32
Washington	1,339	2,572	1,934	4,627	111	50
York	4,284	6,476	3,456	7,531	174	174
Total	29,497	54,266	34,688	80,465	1,870	1,570
Plurality	..	24,769	..	45,777	..	..
Per cent	33.72	62.03	29.24	67.85	1.58	1.38
Scattering	3,312					
Whole vote	87,075		118,593			

Of the scattering vote for Governor in 1898, Ladd, Pro., had 2,335; Gerry, Pop., 662; Lermond, Nat. Dem., 315.

Bryan received 32,201 votes on the Democratic (Bryan and Sewall) electoral ticket and 2,489 votes on the Populist (Bryan and Watson) electoral ticket, in 1896.

MAINE—*Continued.*

The vote for Governor in 1896 was: M. P. Frank, Dem., 34,387; L. P. Powers, Rep., 82,764; A. S. Ladd, Pro., 2,661; L. C. Bateman, Pop., 3,332. Powers' plurality, 48,377.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Cumberland and York. L. F. McKinney, Dem., 9,072; Thomas B. Reed, Rep., 14,598; D. P. Parker, Pro., 673; Moulton, Peo., 53. Reed's plurality, 5,526.

II. Counties of Androscoggin, Franklin, Knox, Lincoln, Oxford, and Sagadahoc. John Scott, Dem., 8,126; Nelson Dingley, Jr., Rep., 15,149; A. J. Wheeler, Pro., 394; Blanchard, N. D., 89. Dingley's plurality, 7,023.

III. Counties of Hancock, Kennebec, Somerset, and Waldo. F. W. Plaisted, Dem., 6,634; Edwin C. Burleigh, Rep., 12,854; O. S. Pillsbury, Pro., 503. Burleigh's plurality, 6,220.

IV. Counties of Aroostook, Penobscot, Piscataquis, and Washington. A. J. Chase, Dem., 5,534; C. A. Boutelle, Rep., 12,480; G. W. Park, Pro., 451; Littlefield, Peo., 244. Boutelle's plurality, 6,946.

PRESENT STATE GOVERNMENT.

Governor, Llewellyn Powers; Secretary of State, Byron Boyd; Treasurer, F. M. Simpson; Adjutant-General, John T. Richards; Attorney-General, William T. Haines; Superintendent of Education, W. W. Stetson; Insurance Commissioner, S. W. Carr—all Republicans.

JUDICIARY.

Supreme Judicial Court: Chief Justice, John A. Peters; Associate Justices, Andrew P. Wiswell, Lucilius A. Emery, William H. Fogler, W. P. Whitehouse, Thomas H. Haskell, Sewall C. Strout, and Albert R. Savage—all Republicans except Strout; Clerk of the Court at Augusta, W. S. Choate, Rep.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	31	126	157
Democrats	..	25	25
Republican majority	31	101	132

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. President	29,087	61,422	....	....	*32,335 R
1876. President	49,823	66,300	663	....	16,477 R
	Fusion.				
1880. Governor	73,786	73,597	....	418	189 F
	Dem.				
1880. President	65,171	74,039	4,408	235	8,868 R
1882. Governor	63,852	72,724	1,302	395	8,872 R
1884 Governor	58,070	77,779	3,147	1,157	19,709 R
1884 President	51,656	71,716	3,994	2,160	20,060 R
1886. Governor	56,242	68,893	....	3,873	12,651 R
			Lab.		
1888. President	50,481	73,734	1,344	2,691	23,253 R
1890. Governor	45,331	64,214	1,298	2,981	18,883 R
			Pop.		
1892. President	48,044	62,923	2,381	3,062	14,979 R
1894. Governor	30,621	69,599	5,321	2,730	38,978 R
			N. D.		
1896. President	24 688	80,465	1,870	1 570	45,777 R
1898. Governor	29,497	54 266	315	2,335	24,769 R

* Majority.

MARYLAND.

Counties. (24.)	Governor, 1899.		President, 1896.			
	Smith, Dem.	Lowndes, Rep.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Allegany	4,190	4,691	3,911	5,466	57	236
Anne Arund'l	3,564	3,604	3,145	4,030	48	115
Baltimore C'y	55,419	47,318	40,852	61,950	1,358	1,903
Baltimore Co.	9,547	7,677	7,121	9,206	280	512
Calvert	955	1,322	882	1,295	6	49
Caroline	1,803	1,727	1,650	1,686	25	110
Carroll	4,065	3,877	3,811	4,048	35	209
Cecil	3,127	2,609	2,909	3,130	88	99
Charles	1,341	2,129	1,372	2,118	14	22
Dorchester	3,244	3,150	2,633	3,043	16	127

MARYLAND—*Continued.*

Counties.	Governor, 1899.		President, 1896.			
	Smith, Dem.	Lowndes, Rep.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Frederick	5,867	5,741	5,214	6,353	88	279
Garrett	1,265	1,940	1,275	2,060	14	41
Harford	3,410	2,992	3,362	3,373	73	292
Howard	2,050	1,582	1,787	1,978	36	59
Kent	2,284	2,362	1,981	2,398	8	78
Montgomery .	3,397	3,000	3,460	3,218	57	108
Pr'ce George's	2,936	3,100	2,505	3,250	27	25
Queen Anne's	2,549	1,677	2,519	1,917	32	143
Somerset.....	2,696	2,782	2,085	2,646	15	451
St. Mary s....	1,779	1,766	1,471	2,044	15	19
Talbot.....	2,401	2,329	2,189	2,543	50	151
Washington ..	5,045	4,998	4,386	5,428	114	197
Wicomico	2,812	2,325	2,254	2,023	30	314
Worcester	2,663	1,588	1,962	1,756	20	379
Total	128409	116286	104735	136959	2,507	5,918
Plurality	12,114	..	..	32,224	..	..
Per cent	51.12	46.30	41.75	54.60	1.00	2.36
Scattering.....	6,494		723			
Whole vote.	251,183		250,842			

The scattering vote for Governor in 1899 was: Pro., 5,275: Soc. Dem., 420; Union Ref., 367; Soc. L., 432.

Of the scattering vote for President in 1896, Matchett, Soc. L., received 587, and Bentley, Nat. Pro., 136.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Caroline, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester. J. W. Smith, Dem., 16,748; W. F. Jackson, Rep., 15,823; J. Swann, Pro., 1,823; W. Willis, Sil. D., 574.

II. Baltimore City, counties of Baltimore, Carroll, Cecil, and Harford. R. B. Tippett, Dem., 20,436; William B. Baker, Rep., 20,-806; H. J. Hollingsworth, Pro., 1,772.

III. Baltimore City. J. B. Schwatka, Dem., 17,386; F. A. Wachter, Rep., 17,508; J. F. Hicks, Pro., 718.

IV. Baltimore City. J. W. Denny, Dem., 17,-260; Wm. W. McIntire, Rep., 16,664; T. S. Creney, Pro., 1,134; T. Meyer, Labor, 289.

V. Baltimore City. J. S. Cummings, Dem., 14,672; S. M. Mudd, Rep., 17,248; J. E. Wetherald, Pro., 913; C. T. Parker, Ind. Rep., 277.

VI. Counties of Allegany, Frederick, Garrett, Montgomery, and Washington. T. A. Poppenberger, Dem., 14,372; G. A. Pearce, Rep., 18,878; J. T. Baker, Pro., 1,167.

PRESENT STATE GOVERNMENT.

Governor, John Walter Smith, Dem.; Secretary of State, Geo. E. Loweree, Dem.; Comptroller, J. W. Hering, Dem.; Treasurer, T. J. Shryock, Rep.; Adjutant-General, L. A. Wilmer, Rep.; Attorney-General, Isidor Rayner, Dem.; Superintendent of Education, E. B. Prettyman, Rep.; Commissioner of Insurance, F. Albert Kurtz, Rep.

JUDICIARY.

Court of Appeals: Chief Judge, James McSherry; Associate Judges, David Fowler, A. Hunter Boyd, Henry Page, I. Thomas Jones, John P. Briscoe, S. D. Schmucker, and James A. Pearce; Clerk, Allan Rutherford—all Democrats except Schmucker and Rutherford, Republican.

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Democrats	15	65	80
Republicans.....	11	26	37
Democratic majority	4	39	43

MARYLAND—*Continued.*

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Maj.*
1872. President.	67,506	66,442	....	....	1,064 D
1876. President.	91,780	71,981	....	....	19,799 D
1880. President.	93,706	78,515	818	....	*15,191 D
1884 President.	96,866	82,748	578	2,827	*11,118 D
1888. President.	106,168	99,986	....	4,767	*6,182 D
1889. Comptrol.	103,900	96,527	....	3,741	*7,393 D
1891. Governor.	108,539	78,338	....	5,120	*30,151 D
			Pop.		
1892. President.	113,866	92,736	796	5,877	21,130 D
1893. Comptrol.	98,806	79,954	....	7,586	18,852 D
1895. Governor.	106,169	124,936	989	7,719	*18,767 R
			N. D.		
1896. President.	104,735	136,959	2,507	5,918	*32,224 R
1897. Comptrol.	114,064	121,173	....	6,096	7,109 R
1899. Governor.	128,409	116,286	.....	5,275	12,114 D

* Plurality.

MASSACHUSETTS.

Counties. (14.)	Governor, 1899.			President, 1896.		
	Paine, Dem.	Crane, Rep.	Peare, Soc. L.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.
Barnstable....	407	2,072	11	517	4,456	116
Berkshire.....	3,175	9,247	329	3,913	9,710	367
Bristol	5,929	12,392	727	6,022	21,629	436
Dukes	112	536	19	91	691	33
Essex	11,944	23,939	2,132	15,025	37,041	1,028
Franklin.....	1,661	4,025	85	1,110	5,671	297
Hampden	6,757	10,259	1,119	6,787	16,064	518
Hampshire ..	1,807	4,332	96	1,608	6,434	225
Middlesex	19,255	35,605	1,769	19,591	57,281	2,713
Nantucket ...	99	343	8	62	485	16
Norfolk	5,260	10,127	459	4,990	16,897	918
Plymouth	2,465	6,676	613	3,396	13,405	520
Suffolk	33,908	29,514	1,884	31,744	53,633	3,180
Worcester	11,023	19,835	1,527	10,855	35,579	1,337
Total	103802	168902	10,778	105711	278976	11,749
Plurality.....	..	65,100	...	..	173265	..
Per cent	34.70	56.46	3.60	26.32	69.47	2.92
Scattering	15,664			5,132		
Whole vote.	299,166			401,568		

Of the scattering vote for Governor in 1899, Porter, Soc. Dem., had 8,262, and Coats, Pro., 7,402.

In 1896 Bryan's Democratic vote was 90,530; Populist, 15,181. Of the scattering vote in 1896, Levering, Pro., had 2,998 and Matchett, Soc. L., 2,114.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Berkshire, Franklin (part), Hampden (part), and Hampshire (part). C. P. Davis, Dem., 8,760; G. P. Lawrence, Rep., 14,315; E. A. Buckland, Soc. L., 1,602. Lawrence's plurality, 5,555.

II. Counties of Franklin (part), Hampden (part), Hampshire (part), and Worcester (part). R. E. Bisbee, Dem., 8,054; F. H. Gillett, Rep., 13,327; G. H. Wrenn, Soc. L., 707. Gillett's plurality, 5,273.

III. Counties of Middlesex (part) and Worcester (part). J. R. Thayer, Dem., 11,167; J. H. Walker, Rep., 11,008. Thayer's majority, 159.

IV. Counties of Middlesex (part), Norfolk (part), and Worcester (part). I. Porter Morse, Dem., 8,485; George W. Weymouth, Rep., 14,411. Weymouth's majority, 5,926.

V. Counties of Essex (part) and Middlesex (part). J. J. Flynn, Dem., 13,716; William S. Knox, Rep., 14,737. Knox's majority, 1,021.

VI. County of Essex (part). Eben Moody Boynton, Dem., 6,035; William H. Moody, Rep., 13,494; A. L. Gillen, Dem. Soc., 1,390. Moody's plurality, 7,459.

MASSACHUSETTS—*Continued.*

VII. Counties of Essex (part), Middlesex (part), and Suffolk (part). W. L. Ramsdell, Dem., 12,338; E. W. Roberts, Rep., 16,559; J. F. Maloney, Soc. L., 781. Roberts' plurality, 4,221.

VIII. Counties of Middlesex (part) and Suffolk (part). G. A. Perkins, Dem., 5,846; Samuel W. McCall, Rep., 14,935; W. E Stacey, Soc. L., 593. McCall's plurality, 9,089.

IX. County of Suffolk (part). John F. Fitzgerald, Dem., 10,303; F. H. Krebs, Jr., Rep., 5,459; J. A. Gallivan, Ind. Dem., 5,000; F. K. Bradman, Rep.-Cit., 412. Fitzgerald's plurality, 4 853.

X. Counties of Suffolk (part) and Norfolk (part). Henry F. Naphen, Dem., 17,149; S. J. Barrows, Rep., 13,909. Naphen's majority, 3,240.

XI. Counties of Bristol, Middlesex, Norfolk, Suffolk, and Worcester (parts of each). William H. Baker, Dem., 10,709; Charles F. Sprague, Rep., 17,001. Sprague's majority, 6,292.

XII. Counties of Bristol, Norfolk, and Plymouth (parts of each). P. E. Brady, Dem., 6,210; William C. Lovering, Rep., 13,653; J. O'Fihelly, Soc. L., 847. Lovering's plurality, 7,443

XIII. Counties of Barnstable, Bristol, Dukes, Nantucket, and Plymouth (parts of each). Charles T. Luce, Dem., 4,863; William S. Greene, Rep., 13,463; T. Stevenson, Soc. L., 1,277. Greene's plurality, 8,595.

PRESENT STATE GOVERNMENT.

Governor, W. Murray Crane; Lieutenant-Governor, John L. Bates; Secretary of State, W. M. Olin; Treasurer, E. S. Bradford; Auditor, John W. Kimball; Adjutant-General, Samuel Dalton; Attorney-General, H. M. Knowlton; Secretary of the Board of Education, Frank A. Hill; Secretary of the Board of Agriculture, James W. Stockwell; Insurance Commissioner, F. L. Cutting—all Republicans.

JUDICIARY.

Supreme Judicial Court for the Commonwealth: Chief Justice, Oliver W. Holmes; Justices, Marcus P. Knowlton, James M. Morton, John Lathrop, James M. Barker, John W. Hammond, and William C. Loring; Clerk of the Court, Henry A. Clapp.

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Republicans	31	166	197
Democrats	9	68	77
Independents	..	4	4
Socialist Dem.	..	2	2

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. President.	59,195	133,495	....	....	*74,300 R
1876. President.	108,777	150,063	....	....	*41,286 R
1880. President.	111,960	165,205	4,548	682	53,245 R
1884. President.	122,352	146,724	24,382	9,923	24,372 R
1886. Governor..	112,883	122,346	....	8,251	9,463 R
			Lab.		
1887. Governor..	118,394	136,000	595	10,945	17,606 R
1888. President.	151,855	183,892	....	8,701	32,037 R
1889. Governor..	120,582	127,357	....	15,108	6,775 R
1890. Governor..	140,507	131,454	....	13,554	9,053 D
1891. Governor..	157,982	151,515	1,772	8,968	6,467 D
			Pop.		
1892. Governor..	186,377	183,843	1,976	7,067	2,534 D
1892. President.	176,813	202,814	3,210	7,539	26,001 R
1893. Governor..	156,916	192 613	4,885	8,556	35,697 R
1894. Governor..	123,930	189,307	9,037	9,965	65,377 R
1895. Governor..	121,599	186,280	7,786	9,170	64,681 R
	Dem.-Pop.	*Rep.*	*N. D.*	*Pro.*	
1896. Governor..	103,662	258,204	14,164	4,472	154,542 R
1896. President.	105,711	278,976	11,749	2,998	173,265 R
1897. Governor..	79,552	165,095	13,879	4,948	85,543 R
1898. Governor.	107,960	191,146	....	4,734	83,186 R
			Soc. L.		
1899. Governor..	103,802	168,902	10,778	7,402	65,100 R

* Majority.

MICHIGAN.

Counties. (83.)	Governor, 1898. Whiting, Dem.	Governor, 1898. Pingree, Rep	President, 1896. Bryan, Dem. & Pop.	President, 1896. McKinley Rep.	President, 1896. Palmer, N. D.	President, 1896. Levering, Pro.
Alcona	129	671	275	742	22	6
Alger	352	761	..	801	..	5
Allegan	2,890	3,493	3,937	5,816	149	94
Alpena	1,188	1,766	1,665	1,775	26	13
Antrim	401	1,328	1,228	1,886	58	39
Arenac	637	748	997	616	18	..
Baraga	291	609	459	613	10	12
Barry	2,453	2,887	3,157	3,296	88	52
Bay	3,899	5,617	6,298	6,015	151	63
Benzie	459	866	803	1,370	30	55
Berrien	4,172	6,096	4,793	6,673	271	117
Branch	3,200	3,411	3,977	3,598	74	40
Calhoun	4,606	5,407	6,202	5,885	211	180
Cass	2,374	2,913	3,012	3,035	59	64
Charlevoix	429	933	978	1,652	24	38
Cheboygan	1,017	1,384	1,616	1,574	16	12
Chippewa	914	1,731	1,001	2,104	45	58
Clare	578	818	725	884	29	12
Clinton	2,821	3,090	3,467	3,478	65	63
Crawford	263	366	350	350	3	2
Delta	461	1,299	1,237	2,774	65	1
Dickinson	302	2,001	527	2,609	56	41
Eaton	3,726	4,264	4,631	4,271	108	66
Emmet	1,023	1,515	1,337	1,727	48	69
Genesee	3,156	4,834	4,914	5,640	102	127
Gladwin	306	685	323	748	28	13
Gogebic	632	1,583	837	1,983	48	26
Gr'd Traverse.	728	1,900	1,745	2,533	71	72
Gratiot	2,883	3,097	3,973	3,380	72	60
Hillsdale	3,420	3,825	3,987	4,566	91	78
Houghton	1,271	4,468	1,995	6,139	178	225
Huron	1,490	3,113	2,808	3,396	88	30
Ingham	4,594	4,523	5,691	4,966	81	111
Ionia	4,138	4,287	4,758	4,589	65	59
Iosco	556	1,096	913	1,468	38	17
Iron	286	795	236	1,051	24	..
Isabella	1,732	2,387	2,679	2,425	24	40
Jackson	5,468	4,643	6,515	6,209	127	149
Kalamazoo	3,747	5,112	5,434	5,892	83	83
Kalkaska	166	710	422	940	27	18
Kent	7,924	15,246	13,584	17,053	318	397
Keweenaw	24	324	45	411	5	1
Lake	383	709	548	888	20	8
Lapeer	1,915	2,937	3,066	3,810	105	101
Leelanau	318	827	691	1,403	53	33
Lenawee	5,538	5,529	6,300	6,861	143	148
Livingston	2,513	2,644	2,996	2,894	76	73
Luce	258	357	236	358	16	17
Mackinac	542	673	805	806	36	9
Macomb	3,035	3,727	3,400	4,153	157	2
Manistee	1,972	2,465	2,487	2,697	94	35
Marquette	1,298	3,214	1,980	5,110	79	100
Mason	943	1,741	1,580	2,176	66	32
Mecosta	865	2,050	1,975	2,887	73	49
Menominee	1,045	1,843	1,499	3,105	47	22
Midland	1,060	1,277	1,507	1,524	47	34
Missaukee	500	957	687	899	14	27
Monroe	3,276	3,238	4,209	4,053	74	51
Montcalm	2,155	3,243	3,651	4,523	87	60
M'ntm'r'ncy.	223	510	330	479	2	6
Muskegon	1,764	4,271	3,110	4,682	83	71
Newaygo	1,097	2,094	1,943	2,649	30	44
Oakland	4,415	5,442	5,352	5,840	189	129
Oceana	955	2,178	1,637	2,534	61	113
Ogemaw	478	893	560	793	24	18
Ontonagon	308	572	416	758	25	7
Osceola	617	1,314	1,178	2,270	69	52
Oscoda	62	183	62	308	9	1
Otsego	402	898	560	859	14	10
Ottawa	2,456	3,906	3,549	5,202	114	67
Presque Isle	328	850	371	764	10	8
Roscommon	101	285	141	282	3	4
Saginaw	5,306	7,102	8,792	8,362	182	75
Sanilac	1,800	3,021	3,156	3,631	90	93

MICHIGAN—*Continued.*

Counties.	Governor, 1898.		President, 1896.			
	Whiting, Dem.	Pingree, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Schoolcraft	412	818	549	975	13	13
Shiawassee	3,035	4,128	4,303	4,655	139	87
St. Clair	3,750	6,109	5,127	7,164	161	98
St. Joseph	2,352	2,445	3,968	3,185	51	59
Tuscola	2,058	4,130	3,565	4,275	87	88
Van Buren	2,938	3,944	3,982	4,506	92	73
Washtenaw	4,572	4,704	5,341	5,677	215	110
Wayne	19,273	27,689	26,216	36,617	906	261
Wexford	788	1,422	1,359	2,036	36	49
Total	168142	243239	236714	293582	6,879	5,025
Plurality	..	75,097	..	56,868	..	..
Per cent	39.95	57.73	43.47	53.92	1.26	0.92
Scattering	9,783		2,292			
Whole vote	421,164		544,492			

Of the scattering vote for Governor in 1898, Cheever, Pro., had 7,006; Cook, Pop., 1,656, and Hasseler, Soc. L., 1,101.

Of the scattering vote for President in 1896, Bentley, Nat. Pro., had 1,995, and Matchett, Soc. L., 297.

VOTE FOR SUPREME COURT JUDGE, 1899.

An election was held in April, 1899, for a Justice of the Supreme Court and two Regents of the State University. The vote for Judge was: Thomas E. Barkworth, Dem.-Pop. Fusion, 165,482; Claudius B. Grant, Rep., 216,828; Frank Baldwin Clark, Pro., 8,789; John B. Harris, Straight Pop., 4,856; George A. Eastman, Soc. L., 3,190. Grant's plurality, 51,346.

VOTE FOR STATE OFFICERS, 1896.

For Governor, Charles R. Sligh, Dem.-Pop., 221,022; Hazen S. Pingree, Rep., 304,431; Rufus F. Sprague, N. D., 9,738; Robert C. Safford, Pro., 5,499; John Gilbertson, N. P., 1,944. Pingree's plurality, 83,409. The other State officers were elected by pluralities averaging 22,000 less than Pingree's.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. County of Wayne (part). James H. Pound, Dem., 15,401; J. B. Corliss, Rep., 16,659. Corliss' majority, 1,258.

II. Counties of Lenawee, Monroe, Jackson, Washtenaw, and Wayne (part). Orin H. Pierce, Dem., 19,999; Henry C. Smith, Rep., 21,912. Smith's majority, 1,913.

III. Counties of Branch, Hillsdale, Kalamazoo, Calhoun, and Eaton. A. M. Todd, Dem., 19,864; Washington Gardiner, Rep., 21,182. Gardiner's majority, 1,318.

IV. Counties of St. Joseph, Cass, Berrien, Van Buren, Allegan, and Barry. R. J. Jarvis, Dem., 17,146; E. L. Hamilton, Rep., 21,740. Hamilton's majority 4,036.

V. Counties of Ottawa, Kent, and Ionia. George R. Perry, Dem., 16,064; William A. Smith, Rep., 22,021. Smith's majority, 5,957.

VI. Counties of Oakland, Genesee, Livingston, Ingham, and Wayne (part). Charles Fishback, Dem., 17,171; Samuel W. Smith, Rep., 22,981. Smith's majority, 5,810.

VII. Counties of Macomb, Lapeer, St. Clair, Sanilac, Huron, and Wayne (part). Frederick E. Burton, Dem., 12,888; Edgar Weeks, Rep., 18,623. Weeks' majority, 5,735.

VIII. Counties of Clinton, Saginaw, Shiawassee, and Tuscola. Ferdinand Brucker, Dem., 15,089; Joseph W. Fordney, Rep., 16,798. Fordney's majority, 1,709.

MICHIGAN—*Continued.*

IX. Counties of Muskegon, Oceana, Newaygo, Mason, Lake, Manistee, Wexford, Benzie, Leelanaw, and Manitou. C. J. Chaddock, Dem., 9,291; Roswell P. Bishop, Rep., 15,687. Bishop's majority, 6,396.

X. Counties of Bay, Midland, Gladwin, Arenac, Ogemaw, Iasco, Alcona, Oscoda, Crawford, Montmorency, Alpena, Presque Isle, Otsego, Cheboygan, and Emmet. R. J. Kelly, Dem., 13,230; Rosseau O. Crump, Rep., 16,482. Crump's majority, 3,252.

XI. Counties of Montcalm, Gratiot, Isabella, Mecosta, Osceola, Clare, Roscommon, Missaukee, Kalkaska, Grand Traverse, Antrim, and Charlevoix. A. W. Nichols, Dem., 11,799; Wm. S. Mesick, Rep., 18,545. Mesick's majority, 6,746.

XII. Counties of Delta, Schoolcraft, Chippewa, Mackinac, Ontonagon, Marquette, Menominee, Dickinson, Baraga, Houghton, Keweenaw, Isle Royal, Alger, Luce, Iron, Cass, and Gogebic. S. I. Curry, Dem., 8,921; Carlos D. Sheldon, Rep., 19,895. Sheldon's majority, 10,974.

PRESENT STATE GOVERNMENT.

Governor, Hazen S. Pingree; Lieutenant-Governor, O. W. Robinson; Secretary of State, Justus S. Stearns; Treasurer, Geo. A. Steel; Auditor, Roscoe D. Dix; Attorney-General, Horace M. Oren; Superintendent of Public Instruction, Jason E. Hammond; Insurance Commissioner, Harry H. Stevens—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Robert M. Montgomery, Rep.; Justices, Frank A. Hooker, Rep.; Joseph B. Moore, Rep.; Charles D. Long, Rep.; Claudius B. Grant, Rep.; Clerk, Charles C. Hopkins, Rep.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	27	92	119
Democrats	5	8	13
Republican majority	22	84	106

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. Pres	78,350	138,458	....	....	*60,108 R
1876. Pres	141,595	166,901	9,060	....	*25,306 R
1878. Gov.	78,503	126,280	73,313	....	47,777 R
1880. Pres	131,300	185,190	34,795	....	53,890 R
	Dem.-Gr.†		*Str.-Gr.*		
1882. Gov.	154,269	149,697	2,006	5,854	4,572 F
1883. Sup. Ct.	127,326	119,870	541	13,467	7,506 F
1884. Gov.	186,887	190,840	414	22,207	3,953 R
1884. Pres	189,361	192,669	753	18,403	3,308 R
1885. Regent	155,743	138,353	....	14,708	17,390 F
1886. Gov.	174,042	181,474	....	25,179	7,432 R
	Dem.				
1887. Sup. Ct.	140,315	174,924	27,658	18,530	34,609 R
			U. L.		
1888. Pres	213,469	236,337	4,555	20,945	22,923 R
1889. Sup. Ct.	122,955	156,426	2,681	16,380	33,471 R
			Indus.		
1890. Gov.	133,725	172,205	13,198	28,651	11,520 D
1891. Sup. Ct.	148,271	153,211	9,121	14,144	4,940 R
			Pop.		
1892. Pres	202,296	222,708	19,892	14,069	20,412 R
1893. Sup. Ct.	148,712	164,754	14,469	14,526	16,039 R
1894. Gov.	130,823	237,215	30,012	18,788	106,392 R
1895. Sup. Ct.	108,807	189,294	25,943	18,116	80,487 R
	Dem.-Pop.		*N. D.*		
1896. Gov.	221,022	304,431	9,738	5,499	83,409 R
1896. Pres	236,714	293,582	6,879	5,025	56,868 R
1897. Sup. Ct.	139,307	210,721	30,729	7,936	71,414 R
			Pop.		
1898. Gov.	168,142	243,239	1,656	7,006	75,097 R
1899. Sup. Ct.	165,482	216,828	4,856	8,789	51,346 R

* Majority. † Fusion.

MINNESOTA.

Counties. (82.)	Governor, 1898.			President, 1896.		
	Lind, Fusion.	Eustis, Rep.	Higgins, Pro.	Bryan, Dem. & Pop.	McKinley Rep.	Levering, Pro.
Aitkin	406	398	7	344	855	17
Anoka	893	871	18	791	1,553	24
Becker	992	1,117	95	985	1,479	49
Beltrami	417	441	11	213	202	3
Benton	836	634	36	867	778	8
Big Stone	887	623	35	742	1,048	54
Blue Earth	2,568	2,428	105	2,744	4,055	150
Brown	1,550	904	21	1,469	1,807	42
Carlton	597	516	15	543	1,169	13
Carver	1,477	1,143	18	1,268	1,856	13
Cass	410	588	13	271	351	6
Chippewa	934	755	26	1,037	1,310	33
Chisago	784	1,103	9	437	2,558	18
Clay	1,412	932	59	1,908	1,594	43
Cook	83	78	2	107	81	3
Cottonwood	646	710	36	810	1,242	47
Crow Wing	904	1,010	31	1,066	1,701	59
Dakota	2,186	1,191	99	2,210	2,147	90
Dodge	459	1,026	77	911	1,900	86
Douglas	1,617	1,202	52	1,361	1,976	58
Faribault	1,110	1,899	107	1,107	3,116	82
Fillmore	1,527	2,219	156	1,939	4,185	167
Freeborn	864	1,766	111	1,179	3,400	99
Goodhue	1,878	3,107	113	1,426	5,748	118
Grant	761	518	27	339	1,002	167
Hennepin	19,633	14,455	710	20,505	26,786	450
Houston	910	1,383	48	991	2,087	47
Hubbard	384	437	10	344	364	4
Isanti	1,106	483	9	730	1,490	...
Itasca	573	461	14	724	826	5
Jackson	964	1,052	35	1,150	1,558	29
Kanabec	347	166	1	256	484	10
Kandiyohi	1,932	995	45	1,638	2,181	38
Kittson	753	367	20	762	753	23
Lac qui Parle	1,198	893	61	932	1,620	57
Lake	336	233	6	320	595	6
Le Sueur	2,082	1,620	78	2,003	2,235	65
Lincoln	565	378	35	703	674	31
Lyon	1,141	976	42	1,351	1,623	67
McLeod	1,623	1,374	62	1,653	1,595	43
Marshall	1,233	721	32	1,222	1,200	15
Martin	1,472	957	89	1,327	1,739	93
Meeker	1,795	1,033	38	1,536	2,094	51
Mille Lacs	678	634	22	456	977	13
Morrison	2,058	1,187	62	1,734	1,960	51
Mower	928	1,783	80	1,407	3,379	85
Murray	892	634	26	1,054	1,204	21
Nicollet	1,318	988	32	837	1,803	32
Nobles	993	812	63	1,204	1,568	48
Norman	919	1,059	113	1,304	1,382	83
Olmsted	1,759	2,268	122	1,741	3,201	83
Otter Tail	3,427	2,314	282	4,482	3,544	162
Pine	931	535	12	875	1,152	13
Pipestone	559	686	25	919	862	17
Polk	2,389	1,472	116	5,054	2,855	69
Pope	576	978	50	688	1,773	43
Ramsey	11,770	9,876	324	12,048	17,522	177
Red Lake	1,084	422	20	..	..	..
Redwood	834	1,028	49	1,123	1,818	31
Renville	1,908	1,528	75	1,978	2,553	51
Rice	1,733	2,095	121	2,002	3,483	103
Rock	490	780	32	765	1,209	28
Roseau	401	283	20	527	287	6
St. Louis	4,966	4,409	108	7,412	9,810	92
Scott	1,730	753	49	1,706	1,126	29
Sherburne	522	611	20	536	1,008	18
Sibley	1,553	1,110	18	1,251	1,826	19
Stearns	4,061	1,900	63	4,911	2,873	43
Steele	1,091	1,435	72	1,248	2,044	80
Stevens	681	595	18	685	961	28
Swift	1,272	777	39	1,222	1,273	40
Todd	1,548	1,623	172	1,739	2,043	98
Traverse	975	387	22	963	689	...
Wabasha	1,787	1,770	73	1,630	2,530	76
Wadena	525	677	18	534	874	25
Waseca	1,315	1,118	36	1,244	1,902	57
Washington	1,899	1,626	30	1,558	3,995	47

MINNESOTA—*Continued.*

Counties.	Governor, 1898.			President, 1896.		
	Lind, Fusion.	Eustis, Rep.	Higgins, Pro.	Bryan, Dem. & Pop.	McKinley Rep.	Levering, Pro.
Watonwan	588	764	34	586	1,622	33
Wilkin	777	472	26	855	631	21
Winona	3,233	2,372	98	3,528	3,935	69
Wright	2,530	1,911	60	2,172	3,312	49
Yellow Med.	1,035	961	64	1,015	1,578	63
Total	131980	111796	5,299	139735	193503	4,348
Plurality	20,184	..	..	..	53,768	..
Per cent.	52.28	44.24	2.06	40.80	56.70	1.23
Scattering	3,437			4,078		
Whole vote.	252,562			341,664		

The scattering vote for Governor in 1898 was: L. C. Long, Pop., 1,802; W. B. Hammond, Soc. L., 1,685.

Democrats and Populists fused in 1896, 4 of the electors being Democrats and 4 being Populists.

The scattering vote for President in 1896 was: Palmer, Nat. Dem., 3,202; Matchett, Soc. L., 876.

The vote for Governor in 1896 was: John Lind, Fus., 162,254; David M. Clough, Rep., 165,906; W. J. Dean, Pro., 5,154; W. B. Hammond, Soc. L., 1,125; A. A. Ames, Ind., 2,890. Clough's plurality, 3,652.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts

I. Counties of Dodge, Fillmore, Freeborn, Houston, Mower, Olmsted, Steele, Wabasha, Waseca, and Winona. Milo White, Fus., 11,931; J. A. Tawney, Rep., 18,939. Tawney's majority, 7,008.

II. Counties of Blue Earth, Brown, Cottonwood, Faribault, Jackson, Lac qui Parle, Lincoln, Lyon, Martin, Murray, Nicollet, Nobles, Pipestone, Redwood. Rock, Sibley, Watonwan, and Yellow Medicine. D. H. Evans, Fus., 14,784; J. T. McCleary, Rep., 21,296. McCleary's majority, 6,512.

III. Counties of Carver, Dakota, Goodhue, Le Sueur, McLeod, Meeker, Renville, Rice, and Scott. C. G. Hinds, Fus., 13,183; Joel P. Heatwole, Rep., 19,271. Heatwole's majority, 6,088.

IV. Counties of Chisago, Isanti, Kanabec, Ramsey, and Washington. J. W. Willis, Fus., 11,602; Frederick C. Stevens, Rep., 15,952. Stevens' majority, 4,350.

V. County of Hennepin. T. J. Caton, Fus., 12,896; Loren Fletcher, Rep., 18,736. Fletcher's majority, 5,840.

VI. Counties of Aitkin, Anoka, Beltrami, Benton, Carlton, Cass, Cook, Crow Wing, Hubbard, Itasca, Lake, Mille Lacs Morrison, Pine, St. Louis, Sherburne, Stearns, Todd, Wadena, and Wright. Chas. A. Towne, Fus., 21,731; Page Morris, Rep., 22,194. Morris' majority, 463.

VII. Counties of Becker, Big Stone, Chippewa, Clay, Douglas, Grant, Kandiyohi, Kittson, Marshall, Norman, Otter Tail, Polk, Pope, Red Lake, Roseau, Stevens, Swift, Traverse, and Wilkin. P. M. Ringdal, Fus., 16,715; Frank M. Eddy, Rep., 20,409. Eddy's majority, 3,694.

PRESENT STATE GOVERNMENT.

Governor, John Lind; Lieutenant-Governor, L. A. Smith; Secretary of State, Albert Berg; Treasurer, A. T. Koerner; Auditor, R. C. Dunn; Adjutant-General. G. C. Lambert; Commissioner of Insurance, J. A. O'Shaughnessy; Attorney-General, W. B. Douglas—all Republicans except Lind and O'Shaughnessy, Dem.-Pop.

JUDICIARY.

Supreme Court: Chief Justice, Charles M. Start, Rep.; Associate Justices, Calvin L. Brown, Rep.; John A. Lovely, Rep.; Charles L. Lewis, Rep., and L. W. Collins, Rep.; Clerk, Darius F. Reese, Rep.

MINNESOTA—*Continued.*

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	44	93	137
Democrats	18	25	43
Independent	1	1	2
Republican majority	25	67	92

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. Pres	35,211	55,708	....	....	*20,497 R
1876. Pres	48,587	72,955	2,389	....	*24,368 R
1880. Pres	53,315	93,902	3,267	286	40,588 R
1883. Gov	58,251	72,462	....	4,924	14,211 R
1884. Pres	70,065	111,685	3,583	4,684	41,620 R
1886. Gov	104,464	107,064	....	8,966	2,600 R
			U. Lab.		
1888. Pres	104,385	142,492	1,094	15,311	38,106 R
			Pop.		
1890. Gov	85,844	88,111	58,514	8,424	2,267 R
1892. Pres	100,920	122,823	29,313	14,132	†12,367 R
1892. Gov	94,600	109,220	39,784	12,167	14,620 R
1894. Gov	53,584	147,943	87,931	6,879	60,012 R
			N. D.		
1896. Pres	139,735	193,503	3,202	4,348	53,768 R
	Fus.		*Pop.*		
1898. Gov	131,980	111,796	1,766	5,299	20,184 F

* Majority. † Majority over the Fusion electoral vote.

MISSISSIPPI.

Counties. (75.)	Governor, 1899. Longino, Dem.	Governor, 1899. Prewett, Pop.	President, 1896. Bryan, Dem.*	President, 1896. McKinley Rep.	President, 1896. Palmer, N. D.	President, 1896. Levering, Pro.
Adams	328	11	507	174	30	4
Alcorn	779	99	925	57	2	3
Amite	498	86	983	21	17	6
Attala	1,138	257	1 307	164	11	8
Benton	340	12	636	113	1	3
Bolivar	414	6	360	117	3	20
Calhoun	802	158	948	33	30	11
Carroll	886	448	1 187	79	11	2
Chickasaw	684	405	666	70	20	11
Choctaw	798	618	908	54	4	3
Claiborne	239	3	514	15	41	2
Clarke	479	10	947	7	4	2
Clay	423	43	676	34	8	5
Coahoma	427	13	347	83	10	3
Copiah	1,190	70	1 588	63	17	6
Covington	325	15	731	72	1	2
De Soto	392	15	888	58	21	1
Franklin	596	180	592	17	7	2
Greene	296	31	266	..	4	..
Grenada	281	27	483	20	2	4
Hancock	203	15	348	48	11	..
Harrison	398	20	237	17	15	1
Hinds	774	20	1,643	144	28	40
Holmes	652	35	1,010	74	6	5
Issaquena	84	...	97	29	1	1
Itawamba	382	65	1,089	32	11	5
Jackson	297	8	723	181	72	15
Jasper	466	7	871	20	16	5
Jefferson	464	7	627	55	1	3
Jones	682	104	934	35	14	5
Kemper	815	339	922	72	19	3
Lafayette	639	37	1,314	129	3	1
Lauderdale	1,025	166	1,978	98	42	18
Lawrence	631	42	774	175	8	2
Leake	609	52	1,164	91	4	7
Lee	539	80	1,241	34	9	3
Leflore	227	3	316	..	1	...
Lincoln	1,112	122	954	134	22	17
Lowndes	415	9	820	13	7	3
Madison	901	10	763	66	20	1
Marion	800	79	839	228	29	7
Marshall	683	29	1,286	72	13	7
Monroe	755	66	1,608	71	4	1
Montgomery	753	90	1 050	23	3	7
Neshoba	624	134	1,055	7	...	2
Newton	873	61	1,201	9	6	4
Noxubee	427	40	715	12	5	2
Oktibbeha	475	73	816	27	2	4
Panola	507	44	1,235	78	21	23

MISSISSIPPI—*Continued.*

Counties.	Governor, 1899. Longino, Dem.	Governor, 1899. Prewett, Pop.	President, 1896. Bryan, Dem.*	President, 1896. McKinley Rep.	President, 1896. Palmer, N. D.	President, 1896. Levering, Pro.
Pearl River	287	15	266	34	9	1
Perry	414	14	419	30	2	7
Pike	646	25	1,380	120	28	10
Pontotoc	1,027	328	944	64	4	11
Prentiss	753	215	973	59	18	4
Quitman	181	1	171	40	..	..
Rankin	722	14	1,044	76	9	3
Scott	681	40	780	23	3	7
Sharkey	131	5	194	22	1	4
Simpson	839	78	677	53	4	6
Smith	1,310	116	1,077	1	2	5
Sunflower	249	..	459	24	6	2
Tallahatchie	331	20	779	23	..	1
Tate	509	36	1 125	76	40	6
Tippah	738	77	1,063	103	5	3
Tishomingo	669	56	851	67	2	1
Tunica	140	4	174	62	4	1
Union	552	57	1,262	114	7	..
Warren	496	12	867	183	143	8
Washington	458	...	611	98	44	5
Wayne	551	72	655	30	5	1
Webster	641	305	876	127	5	1
Wilkinson	267	3	561	36	2	1
Winston	510	229	1,095	52	11	2
Yalobusha	844	86	1 110	73	24	6
Yazoo	400	25	1 159	24	6	..
Total	42,273	6,097	63,253	4,849	1,021	390
Plurality	36,176	...	58,404	...	...	...
Per cent	87.39	12.60	90.99	6.97	1.47	0.06
Scattering	...	...	...	...	...	...
Whole vote	48,370		69,513			

*This is the combined Bryan and Sewall (F. S. D.) and the Bryan and Watson (Pop.) vote. The Bryan and Watson (Pop.) vote was 7,320.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Alcorn, Itawamba, Lee, Lowndes, Monroe, Oktibbeha, Prentiss, and Tishomingo. John M. Allen, Dem., 2,468. No opposition.

II. Counties of Benton, De Soto, Lafayette, Marshall, Panola, Tallahatchie, Tippah, Tate, and Union. Thomas Spight, Dem., 2,949; scattering, 226.

III. Counties of Boliver, Coahoma, Issaquena, Leflore, Quitman, Sharkey, Sunflower, Tunica, Warren, and Washington. Thomas C. Catchings, Dem., 2,288; C. J. Jones, Rep., 373; scattering, 45.

IV. Counties of Calhoun, Carroll, Chickasaw, Choctaw, Clay, Grenada, Kemper, Montgomery, Noxubee, Pontotoc, Webster, Winston, and Yalobusha. A. F. Fox, Dem., 3,461; Raleigh Brewer, Pop., 1,090.

V. Counties of Attala, Clarke, Holmes, Jasper, Lauderdale, Leake, Neshoba, Newton, Scott, Smith, Wayne, and Yazoo. John S. Williams, Dem., 4,943; J. R. S. Pitts, Rep., 142; scattering, 20.

VI. Counties of Adams, Amite, Covington, Greene, Hancock, Harrison, Jackson, Jones, Lawrence, Marion, Perry, Pearl River, Pike, and Wilkinson. F. A. McLain, Dem., 3,276; M. M. Owens, Dem., 1,390; N. C. Hathorn, Pop., 998; H. C. Turley, Rep., 427; scattering, 5.

VII. Counties of Claiborne, Copiah, Franklin, Hinds, Jefferson, Lincoln, Madison, Rankin, and Simpson. Patrick Henry, Dem., 3,278; E. F. Brennan, Rep., 156; J. F. Yellowly, 171.

PRESENT STATE GOVERNMENT.

Governor, A. H. Longino; Lieutenant-Governor, J. T. Harrison; Secretary of State, J. L. Power; Treasurer, J. R. Stowers; Auditor, W. Q. Cole; Superintendent of Education, H. L. Whitfield; Attorney-General, Monroe McClurg; Adjutant-General, William Henry—all Democrats.

MISSISSIPPI—*Continued.*

JUDICIARY.

Supreme Court: Chief Justice, Thomas H. Woods; Associate Justices, S. H. Terral and Albert H. Whitfield; Clerk of the Court, Edward W. Brown—all Democrats.

STATE LEGISLATURE, 1900.

The State Legislature is wholly Democratic, except two Populists in the lower house.

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pop.*	*Maj.*
1872. President...	47,287	82,406	....	....	35,119 R
1876. President...	112,143	52,705	....	....	59,438 D
1880. President...	75,750	34,854	5,797	....	*40,896 D
1884. President...	76,510	43,509	....	....	33,001 D
1885. Governor...	88,783	1,081	....	....	87,702 D
			Pro.		
1888. President...	85,471	30,096	218	....	55,375 D
1892. President...	40,237	1,406	910	10,256	29,981 D
1895. Governor...	46,873	....	....	17,466	*29,407 D
			Nat. D.	*Pro.*	
1896. President...	63,253	4,849	390	1,021	58,404 D
				Pop.	
1899. Governor...	42,273	....	....	6,097	36,176 D

*Plurality.

MISSOURI.

Counties. (115.)	Judge Supreme Court, 1898.				President, 1896.	
	Marshall, Dem.	Finkelnburg, Rep.	Voris, Peo.	Robinson, Pro.	Bryan, Dem.	McKinley Rep.
Adair	1,627	2,148	285	28	2,311	2,402
Andrew	1,889	2,130	15	20	2,191	2,252
Atchison	1,793	1,680	59	41	2,272	1,587
Audrain	3,216	1,129	74	30	3,984	1,609
Barry	2,328	2,158	63	20	3,151	2,320
Barton	2,057	1,602	47	94	2,824	1,496
Bates	2,648	1,912	660	92	5,073	2,522
Benton	1,402	1,803	31	29	1,762	1,957
Bollinger	1,356	1,181	24	4	1,485	1,272
Boone	3,471	739	73	25	5,075	1,705
Buchanan	6,573	5,523	26	84	7,336	6,854
Butler	1,621	1,397	50	9	1,743	1,635
Caldwell	1,535	2,024	155	19	2,053	2,115
Callaway	3,755	1,316	19	8	4,358	1,849
Camden	1,015	1,351	33	10	1,287	1,326
Cape Gir'rd'u	2,017	2,543	223	51	2,473	2,482
Carroll	3,177	3,191	57	48	3,555	3,383
Carter	672	527	2	2	611	483
Cass	2,552	1,528	114	63	3,975	2,229
Cedar	1,494	1,693	249	21	2,400	1,881
Chariton	2,904	1,492	55	16	4,321	2,359
Christian	1,062	1,857	90	7	1,729	1,983
Clark	1,910	1,930	5	46	2,107	1,953
Clay	2,882	454	46	22	4,071	924
Clinton	1,990	1,374	35	33	2,610	1,792
Cole	2,131	1,874	9	10	2,198	2,033
Cooper	2,646	2,424	67	15	3,028	2,711
Crawford	1,287	1,410	12	16	1,383	1,447
Dade	1,736	1,816	79	23	2,363	1,797
Dallas	1,067	1,533	257	14	1,525	1,466
Daviess	2,604	2,273	83	76	3,125	2,330
De Kalb	1,707	1,541	91	53	2,167	1,590
Dent	1,255	871	71	3	1,493	1,097
Douglas	500	1,698	867	10	1,700	1,598
Dunklin	1,914	547	15	9	2,975	961
Franklin	2,329	3,119	11	8	2,904	3,797
Gasconade	481	1,966	12	3	515	2,185
Gentry	2,346	1,947	160	45	2,906	2,000
Greene	4,965	5,157	322	50	6,327	5,808
Grundy	1,087	2,117	18	29	1,675	2,778
Harrison	1,706	2,661	174	38	2,582	2,956
Henry	3,401	2,307	109	45	4,442	3,234
Hickory	795	1,154	41	13	1,045	1,194
Holt	1,634	2,181	23	32	2,036	2,397
Howard	2,626	882	28	15	3,317	1,353
Howell	1,822	2,013	257	30	2,373	1,892
Iron	706	469	7	7	1,016	607
Jackson	16,780	14,511	328	98	20,705	18,711
Jasper	5,550	5,456	274	92	7,026	4,835
Jefferson	2,856	2,674	23	29	2,785	2,876

MISSOURI—*Continued.*

Counties.	Judge Supreme Court, 1898.				President, 1896.	
	Marshall, Dem.	Finkelnburg, Rep.	Voris, Peo.	Robinson, Pro.	Bryan, Dem.	McKinley Rep.
Johnson	3,179	2,647	127	46	4,240	3,219
Knox	1,768	1,092	46	21	2,185	1,246
Laclede	1,610	1,620	200	28	2,120	1,598
Lafayette	3,529	2,779	36	30	4,463	3,375
Lawrence	2,928	2,893	54	38	3,369	2,962
Lewis	2,174	1,006	40	14	2,624	1,581
Lincoln	2,535	1,198	7	10	3,003	1,564
Linn	2,709	2,639	59	45	3,327	3,015
Livingston	2,484	2,171	261	74	3,353	2,377
McDonald	1,396	1,069	50	21	1,676	998
Macon	3,632	3,042	202	32	4,473	3,475
Madison	1,066	651	12	8	1,256	780
Maries	1,073	398	3	5	1,385	546
Marion	2,775	1,348	5	28	4,008	2,699
Mercer	867	1,566	24	20	1,405	1,958
Miller	1,558	1,719	29	10	1,694	1,707
Mississippi	1,196	708	7	4	1,673	1,074
Moniteau	1,536	1,534	239	31	2,096	1,580
Monroe	3,402	523	42	17	4,379	892
Montgomery	2,103	1,810	39	64	2,372	1,920
Morgan	1,364	1,282	74	5	1,628	1,366
New Madrid	1,073	275	3	1	1,639	480
Newton	2,326	2,037	88	113	3,029	2,174
Nodaway	3,899	3,448	48	44	4,577	3,437
Oregon	1,349	508	74	5	1,783	576
Osage	1,346	1,643	2	32	1,456	1,700
Ozark	681	1,212	160	3	1,025	1,187
Pemiscot	1,558	659	23	4	1,260	555
Perry	1,496	1,591	9	5	1,450	1,522
Pettis	3,632	3,482	15	38	4,267	4,119
Phelps	1,508	1,095	155	10	1,816	1,038
Pike	3,420	2,182	12	9	3,839	2,884
Platte	2,815	796	..	14	3,191	1,044
Polk	2,141	2,455	253	31	2,711	2,564
Pulaski	1,227	717	7	2	1,410	802
Putnam	920	1,793	19	16	1,376	2,363
Ralls	1,905	502	10	5	2,297	814
Randolph	2,743	1,120	33	27	4,097	2,162
Ray	2,887	1,405	16	36	3,945	2,003
Reynolds	648	231	6	..	1,015	385
Ripley	1,147	646	31	7	1,442	749
St. Charles	2,068	2,878	11	4	2,448	3,173
St. Clair	1,872	1,588	162	16	2,686	1,829
St. François	2,048	1,513	7	16	2,245	1,664
St. Genevieve	1,126	799	..	2	1,245	903
St. Louis	2,976	4,976	28	23	3,403	6,210
St. Louis City	39,697	48,900	220	88	50,091	65,708
Saline	3,836	1,925	62	30	5,615	3,050
Schuyler	1,289	1,027	76	12	1,592	1,131
Scotland	1,678	1,143	78	14	2,077	1,203
Scott	1,356	474	6	7	1,906	751
Shannon	1,011	589	18	4	1,186	689
Shelby	2,202	909	23	23	2,850	1,275
Stoddard	1,948	1,089	58	12	2,968	1,584
Stone	412	987	111	8	827	1,094
Sullivan	2,420	2,434	7	24	2,451	2,393
Taney	694	978	56	2	925	1,024
Texas	2,075	1,671	119	7	2,672	1,785
Vernon	3,364	1,668	41	44	5,133	2,230
Warren	453	1,381	23	2	691	1,680
Washington	1,422	1,536	2	6	1,458	1,547
Wayne	1,529	1,583	8	7	1,568	1,418
Webster	1,689	1,711	125	19	1,985	1,666
Worth	1,111	1,042	46	18	1,248	885
Wright	1,142	1,852	293	12	1,777	1,755
Total	285770	255428	9,927	2,933	363667	304940
Plurality	30,342	..	..	..	58,727	..
Per cent	51.32	45.87	1.78	0.52	53.95	45.21
Scattering		2,763			5,413	
Whole vote		556,821			674,019	

Of the scattering vote for Judge in 1898 Sanderson, Soc. D., had 1,645 and Custerborder, Soc. L., 1,063.

The scattering vote in 1896 was: Palmer, Nat. D., 2,355; Levering, Pro., 2,169; Matchett, Soc. L., 596, and Bentley, Nat. Pro., 293.

MISSOURI—*Continued.*

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Adair, Clark, Knox, Lewis, Macon, Marion, Putnam, Schuyler, Scotland, and Shelby. J. T. Floyd, Dem., 20,068; A. W. Seaber, Rep., 15,460; J. A. Lundon, Pop., 738.

II. Counties of Carroll, Chariton, Grundy, Linn, Livingston, Monroe, Randolph, and Sullivan. W. W. Rucker, Dem., 20,768; W. C. Irwin, Rep., 15,627; H. Tudor, Pop., 499.

III. Counties of Caldwell, Clay, Clinton, Daviess, De Kalb, Gentry, Harrison, Mercer, Ray, and Worth. J. Dougherty, Dem., 19,560; J. C. Goodrich, Rep., 16,440; Ulysses A. Towns, Pop., 809.

IV. Counties of Andrew, Atchison, Buchanan, Holt, Nodaway, and Platte. C. F. Cochran, Dem., 18,294; A. W. Brewster, Rep., 16,261.

V. Counties of Jackson and Lafayette. W. S. Cowherd, Dem., 20,487; J. W. Welborn, Rep., 17,144; scattering, 622.

VI. Counties of Bates, Cass, Cedar, Dade, Henry, Johnson, and St. Clair. David A. De Armond, Dem., 16,645; S. M. Jurden, Rep., 13,595; S. C. Brooks, Pop., 1,510.

VII. Counties of Benton, Boone, Greene, Hickory, Howard, Pettis, Polk, and Saline. James Cooney, Dem., 22,556; W. G. Robertson, Rep., 17,642; D. T. Mitchell, Pop., 666.

VIII. Counties of Callaway, Camden, Cole, Cooper, Dallas, Laclede, Maries, Miller, Moniteau, Morgan, Osage, Phelps, and Pulaski. R. P. Bland, Dem., 21,674; J. W. Voshall, Rep., 18,831; W. R. Hale, Pop., 271.

IX. Counties of Audrain, Crawford, Gasconade, Lincoln, Montgomery, Pike, Ralls, St. Charles, and Warren. Beauchamp Clark, Dem., 17,463; R. Shackelford, Rep., 14,449; H. Bell, Pop., 144.

X. Counties of Franklin and St. Louis, and city of St. Louis (part). M. Gill, Dem., 13,254; R. Bartholdt, Rep., 19,850; C. E. Keefer, Soc. D., 247; J. J. Ernst, Soc. L., 126.

XI. City of St. Louis (part). E. A. Noonan, Dem., 18,657; Charles F. Joy, Rep., 21,315; scattering, 813.

XII. City of St. Louis (part). R. H. Kern, Dem., 12,989; Chas. E. Pearce, Rep., 15,300; scattering, 799.

XIII. Counties of Carter, Dent, Iron, Jefferson, Madison, Perry, Reynolds, St. Francis, St. Genevieve, Shannon, Texas, Washington, Wayne, Webster, and Wright. Edward Robb, Dem., 21,601; J. H. Reppy, Rep., 18,314; J. B. Dines, Pop., 702.

XIV. Counties of Bollinger, Butler, Cape Girardeau, Christian, Douglas, Dunklin, Howell, Mississippi, New Madrid, Oregon, Ozark, Pemiscot, Ripley, Scott, Stoddard, Stone, and Taney. W. D. Vandiver, Dem., 21,771; G. M. Miley, Rep., 18,650; Dewitt Esken, Pop., 2,025.

XV. Counties of Barry, Barton, Jasper, Lawrence, McDonald, Newton, and Vernon. M. E. Benton, Dem., 20,202; F. E. Williams, Rep., 16,918.

PRESENT STATE GOVERNMENT.

Governor, Lon V. Stephens; Lieutenant-Governor, A. H. Bolte; Secretary of State, A. A. Lesueur; Treasurer, F. L. Pitts; Auditor, J. M. Seibert; Adjutant-General, M. Fred. Bell; Attorney-General, E. C. Crow; Superintendent of Education, W. T. Carrington; Railroad and Warehouse Commissioners, J. Flory, T. J. Hennessey, and W. E. McCully; Secretary State Board of Agriculture, J. R. Rippey; Superintendent of Insurance, E. T. Orear—all Democrats, except J. Flory.

JUDICIARY.

Supreme Court: Chief Justice, James B. Gantt; Associate Justices, Thomas A. Sherwood, Gavon D. Burgess, Theo. Brace, L. B. Valliant, W. C. Marshall, Democrats, and Waltour M. Robinson, Republican; Clerk, J. R. Green, Dem.

MISSOURI—*Continued.*

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	25	80	105
Republicans	9	53	67
People's	..	2	2
Democratic majority	16	20	36

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. President	151,434	119,196	*2,429	....	†32,237 D
1876. President	203,077	145,029	3,498	....	58,043 D
1880. President	208,609	155,567	35,045	....	53,042 D
1884. President	235,998	‡202,929	....	2,053	33,059 D
			U. Lab.		
1888. President	261,974	236,257	18,632	4,539	25,717 D
			Pop.		
1892. President	268,398	226,918	41,213	4,331	41,480 D
1896. President	363,667	304,940	....	2,169	58,727 D
1898. Judge	285,770	255,428	9,927	2,933	30,342 D

* Including vote cast for O'Connor, Ind. Dem. † Majority. ‡ Republican and Greenback Fusion vote.

MONTANA.

Counties. (22.)	President, 1896.			President, 1892.		
	Bryan, Dem. & Pop.	McKinley Rep.	Levering, Pro.	Cleveland, Dem.	Harrison, Rep.	Weaver, Pop.
Beaverhead	1,246	154	7	463	729	155
Carbon	739	365	...	..	..	..
Cascade	1,920	953	15	1,184	1,295	337
Choteau	701	624	6	676	788	35
Custer	676	723	5	537	680	66
Dawson	177	385	3	268	343	23
Deer Lodge	4,916	446	8	2,152	1,930	1,319
Fergus	834	725	3	560	766	31
Flathead	1,360	413	6	..	..	..
Gallatin	1,649	423	36	1,144	998	80
Granite	1,746	61	7	..	..	..
Jefferson	2,185	153	1	730	740	447
Lewis & Clarke	4,007	1,057	20	2,093	2,014	1,073
Madison	1,633	315	10	634	762	151
Meagher	1,305	333	1	735	839	292
Missoula	2,259	365	6	2,340	2,045	706
Park	1,252	328	11	1,048	1,192	123
Ravalli	1,542	207	5	..	..	..
Silver Bow	9,992	1,275	29	2,648	3,251	2,473
Sweetwater	298	292	1	..	..	..
Teton	321	293	1	..	..	..
Valley	204	175	..	..	..	..
Yellowstone	575	429	5	369	479	23
Total	42,537	10,494	186	17,581	18,851	7,334
Plurality	32,043	..	..	..	1,270	..
Per cent	80.70	19.13	0.17	39.67	42.54	16.55
Scattering	....				549	
Whole vote	53,217				44,315	

Vote for Congress, 1898: A. J. Campbell, Dem., 23,351; T. C. Marshall, Rep., 14,829; T. S. Hogan, Pop., 11,607.

STATE LEGISLATURE, 1899.

The Senate has 6 Republicans, 17 Democrats, 1 Populist; the House 10 Republicans, 56 Democrats, and 4 Silver Republicans.

PRESENT STATE GOVERNMENT.

Governor, Robert B. Smith; Lieutenant-Governor, A. E. Spriggs; Secretary of State, T. S. Hogan; Treasurer, T. E. Collins; Auditor, T. W. Poindexter, Jr.; Attorney-General, C. B. Nolan; Adjutant-General, F. C. English; Supt. Education, E. A. Carleton; Com. Agriculture, J. H. Calderhead—all elected on a Dem.-Pop. fusion ticket except English, Rep., appointed by Governor.

JUDICIARY.

Supreme Court: Chief Justice, Theodore Brantley, Rep.; Justices, W. H. Hunt, Rep.; W. T. Piggott, Dem.; Clerk, Henry G. Rickerts, Dem.

VOTE OF THE STATE SINCE ADMISSION.

	Dem.	*Rep.*	*Maj.*
1889. Governor	19,564	18,988	556 D
1890. Congress	15,411	15,128	283 D

	Dem.	*Rep.*	*Pop.*	*Pro.*	*Plu.*
1892. President	17,581	18,851	7,334	549	1,270 R
1892. Governor	17,650	18,187	7,794	543	537 R
1894. Congress	10,369	23,140	15,240	519	12,771 R
1896. President	42,537	10,494	....	186	32,043 D

NEBRASKA.

Counties. (90.)	Sup. Ct. Judge 1899. Holcomb, Fusion	Reese, Rep.	President, 1896. Bryan, Dem.	McKinley Rep.
Adams	2,085	1,689	2,038	1,763
Antelope	1,287	861	1,258	972
Banner	94	116	130	171
Blaine	53	76	58	86
Boone	1,270	1,151	1,381	1,098
Box Butte	494	445	570	436
Boyd	751	505	653	499
Brown	302	348	316	376
Buffalo	2,194	1,560	2,420	1,826
Burt	1,180	1,534	1,247	1,579
Butler	2,114	1,300	2,255	1,286
Cass	2,254	2,329	2,456	2,629
Cedar	1,511	992	1,517	1,043
Chase	288	269	266	244
Cherry	641	635	690	600
Cheyenne	418	514	506	434
Clay	1,933	1,623	1,744	1,658
Colfax	1,268	719	1,422	921
Cuming	1,672	937	1,760	1,309
Custer	2,316	1,726	2,489	1,475
Dakota	655	574	934	618
Dawes	692	531	943	822
Dawson	1,423	1,184	1,426	1,109
Deuel	261	275	280	301
Dixon	1,081	955	1,299	933
Dodge	2,140	1,869	2,080	2,383
Douglas	10,392	9,528	11,722	12,271
Dundy	283	255	285	273
Fillmore	1,909	1,578	1,739	1,666
Franklin	1,179	833	1,033	825
Frontier	985	277	1,022	771
Furnas	1,497	1,306	1,483	1,145
Gage	2,611	3,297	2,709	3,627
Garfield	224	193	222	147
Gosper	596	425	689	415
Grant	68	106	100	81
Greeley	768	330	780	387
Hall	1,849	1,800	1,843	1,910
Hamilton	1,628	1,350	1,563	1,376
Harlan	1,207	779	1,149	833
Hayes	318	254	285	301
Hitchcock	504	419	489	420
Holt	1,489	1,015	1,426	875
Hooker	26	30	40	10
Howard	1,237	717	1,288	686
Jefferson	1,494	1,501	1,513	1,653
Johnson	1,091	1,249	1,245	1,402
Kearney	1,214	843	1,178	954
Keith	257	212	267	179
Keya Paha	360	264	297	183
Kimball	63	103	62	99
Knox	1,709	1,070	1,591	1,035
Lancaster	4,595	5,656	5,674	6,486
Lincoln	1,152	1,221	1,355	1,076
Logan	101	78	128	73
Loup	114	119	133	115
Madison	1,495	1,581	1,713	1,858
McPherson	34	43	44	37
Merrick	1,053	1,029	1,019	974
Nance	854	757	963	736
Nemaha	1,632	1,316	1,928	1,439
Nuckolls	1,431	1,170	1,354	1,121
Otoe	1,431	1,976	2,551	2,378
Pawnee	1,039	1,357	1,163	1,433
Perkins	206	152	234	166
Phelps	1,259	1,020	1,188	964
Pierce	841	663	988	630
Platte	1,901	1,121	2,187	1,333
Polk	1,496	757	1,500	819
Red Willow	1,030	1,012	1,012	974
Richardson	2,319	2,236	2,531	2,272
Rock	245	268	224	349
Saline	2,005	1,683	2,009	2,061
Sarpy	939	560	1,187	647
Saunders	2,567	1,685	2,715	2,105
Scott's Bluff	220	267	244	229
Seward	1,786	1,559	1,870	1,685
Sheridan	747	431	885	525
Sherman	712	396	860	433
Sioux	250	111	305	154

NEBRASKA—*Continued.*

Counties.	Sup. Ct. Judge 1899. Holcomb, Fusion	Reese, Rep.	President, 1896. Bryan, Dem.	McKinley Rep.
Stanton	799	613	832	659
Thayer	1,575	1,554	1,361	1,516
Thomas	75	50	80	33
Thurston	739	467	714	504
Valley	895	713	887	692
Washington	1,327	1,309	1,439	1,559
Wayne	911	923	1,107	993
Webster	1,390	1,118	1,343	1,118
Wheeler	155	88	169	96
York	1,889	1,953	1,796	1,910
Total	109320	94,213	115880	102304
Plurality	15,107		13,576	..
Per cent	53.71	46.29	51.93	45.89
Scattering	....		5,061	
Whole vote	203,533		222,245	

The scattering vote in 1896 was: Palmer, 2,885; Levering, 1,193; Bentley, 797; Matchett, 186.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Cass, Johnson, Lancaster, Nemaha, Otoe, Pawnee, and Richardson. James Manahan, Fus., 14,466; Elmer J. Burkett, Rep., 16,960; F. Hermann, Soc. L., 50. Burkett's plurality, 2,494.

II. Counties of Douglas, Sarpy, and Washington. Gilbert M. Hitchcock, Fus., 10,723; David H. Mercer, Rep., 11,951. Mercer's majority, 1,228.

III. Counties of Antelope, Boone, Burt, Cedar, Colfax, Cuming, Dakota, Dixon, Dodge, Knox, Madison, Merrick, Nance, Pierce, Platte, Stanton, Thurston, and Wayne. John S. Robinson, Fus., 18,722; Wilbur F. Norris, Rep., 17,333. Robinson's majority, 1,389.

IV. Counties of Butler, Gage, Fillmore, Hamilton, Jefferson, Polk, Saline, Saunders, Seward, Thayer, and York. Wm. L. Stark, Fus., 18,904; Edmund H. Hinshaw, Rep., 18,377. Stark's majority, 527.

V. Counties of Adams, Chase, Clay, Dundy, Franklin, Frontier, Furnas, Gosper, Hall, Harlan, Hayes, Hitchcock, Kearney, Nuckolls, Perkins, Phelps, Red Willow, and Webster. R. D. Sutherland, Fus., 16,354; Clarendon E. Adams, Rep., 15,487; J. A. Armstrong, Pro., 27. Sutherland's plurality, 867.

VI. Counties of Arthur, Banner, Blaine, Box Butte, Brown, Buffalo, Cheyenne, Cherry, Custer, Dawes, Dawson, Deuel, Garfield, Grant, Greeley, Holt, Hooker, Howard, Keya Paha, Keith, Kimball, Lincoln, Logan, Loup, McPherson, Rock, Scott's Bluff, Sheridan, Sherman, Sioux, Thomas, Valley, and Wheeler. W. L. Green, Fus., 15,415; Norris Browne, Rep., 13,401. Green's majority, 2,014.

PRESENT STATE GOVERNMENT.

Governor, William A. Poynter; Lieutenant-Governor, E. A. Gilbert; Secretary of State, W. F. Porter; Treasurer, J. B. Meserve; Auditor, J. F. Cornell; Attorney-General, C. J. Smythe; Adjutant-General, P. H. Barry; Superintendent of Education, W. R. Jackson—all Populists, except Gilbert, Silver Republican, and Smythe, Democrat.

JUDICIARY.

Supreme Court: Chief Justice, T. L. Norval, Rep.; Justices, J. J. Sullivan, Dem., and S. A. Holcomb, Fusion; Clerk, D. A. Campbell, Rep.

NEBRASKA—*Continued.*

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Republicans	19	62	81
Democrats	11	45	56
Ind. Rep.	1	2	3
Republican majority	7	15	22

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. President.	7,705	18,242	....	...	*10,540 R
1876. President.	17,554	31,916	....	....	*14,362 R
1880. President.	28,523	54,979	3,950	....	26,456 R
1884. President.	†54,391	76,903	....	2,899	22,512 R
1888. President.	80,552	108,425	4,226	9,429	27,873 R
			Pop.		
1892. President.	24,943	87,213	83,134	4,902	4,093 R
	Dem.-Pop.	*Rep.*	*Sil. Dem.*		
1894. Governor	97,815	94,613	6,985		3,202 D-P
	Dem.-Pop.	*Rep.*	*N. D.*	*Pro.*	
1896. President.	115,880	102,304	2,885	1,193	13,576 D
1897. Sup. J.	102,828	89,009	718	1,625	13,819 F
1898. Governor.	95,703	92,982	....	1,724	2,721 F
1899. Sup. J.	109,320	94,213	....	....	15,107 F

* Majority. † Democratic and Greenback Fusion.

NEVADA.

Counties. (14.)	Governor, 1898.				President, 1896.	
	Russell, Dem.	McMillen Rep.	Sadler, Silver.	McCullough, Pop.	Bryan, Dem. & Pop.	McKinley Rep.
Churchill	53	95	38	7	156	47
Douglas	60	209	142	20	265	175
Elko	421	324	499	65	1,011	127
Esmeralda	65	158	191	21	397	69
Eureka	75	134	336	20	563	22
Humboldt	272	284	349	47	749	98
Lander	182	85	199	15	484	36
Lincoln	297	111	259	36	848	30
Lyon	93	301	199	18	482	113
Nye	40	31	147	15	228	12
Ormsby	61	370	395	16	566	284
Storey	148	596	346	29	1,149	372
Washoe	191	705	284	507	1,068	513
White Pine	102	145	184	17	311	40
Total	2,060	3,548	3,570	833	8,377	1,938
Plurality	..	..	22	..	6,439	..
Per cent	20.57	35.44	35.66	.83	81.21	18.79
Scattering					..	..
Whole vote	10,011				10,315	

Bryan's Democratic vote in 1896 was 7,802; his Populist vote, 575.

The vote for Representative in Congress in 1898 was: Francis G. Newlands, Silver Dem., 5,796; Thomas Wrenn, Pop., 3,111.

PRESENT STATE GOVERNMENT.

Governor, Reinhold Sadler; Lieutenant-Governor, J. R. Judge; Secretary of State, Eugene Howell; Treasurer, D. M. Ryan; Comptroller, S. P. Davis; Superintendent of Public Instruction, Orvis Ring; Adjutant-General, J. R. Judge, ex officio; Attorney-General, W. D. Jones—all Silver party except Ring, Rep.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrat	1	..	1
Republicans	4	10	14
Silverites	9	17	26
Independents	1	3	4

JUDICIARY.

Supreme Court: Chief Justice, M. S. Bonnifield; Justices, W. A. Massey, C. H. Belknap; Clerk, ex officio, Eugene Howell—all of the Silver party

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Pop.*	*Silver.*	*Plu.*
1872. President	7,847	7,146	....	....	701 D
1876. President	9,308	10,383	...	....	1,075 R
1880. President	9,611	8,732	....	....	879 D
1884. President	5,578	7,193	....	....	1,615 R
1888. President	5,326	7,229	....	....	1,903 R
1892. President	714	2,811	7,264	....	4,453 P
1894. Governor	678	3,861	711	5,223	1,362 S
1896. President	....	1,938	....	8,377	6,439 S
1898. Governor	2,060	3,548	883	3,570	22 S

NEW JERSEY.

Counties. (21.)	Governor, 1898.		President, 1896.			
	Crane, Dem.	Voorhees, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Atlantic	2,830	4,107	2,533	5,005	119	200
Bergen	6,355	6,964	4,531	8,545	451	113
Burlington	5,437	6,819	4,610	9,371	406	306
Camden	6,807	10,912	6,380	16,395	280	390
Cape May	1,166	1,726	929	2,136	50	135
Cumberland	3,766	5,442	3,877	7,018	78	487
Essex	27,575	32,262	20,509	42,587	4	540
Gloucester	2,958	3,772	2,981	4,727	77	216
Hudson	33,023	22,134	28,133	33,626	927	207
Hunterdon	4,856	3,182	4,992	4,264	93	289
Mercer	8,711	10,028	5,970	13,847	430	400
Middlesex	7,647	6,949	5,976	9,304	350	149
Monmouth	9,193	8,108	7,799	10,611	474	294
Morris	5,791	6,526	4,936	8,190	331	468
Ocean	1,319	2,753	1,068	3,384	80	123
Passaic	10,418	11,147	9,280	15,437	357	233
Salem	2,927	3,109	2,802	3,717	67	247
Somerset	3,182	3,529	2,608	4,388	159	126
Sussex	3,165	2,452	2,975	3,045	49	123
Union	7,032	9,272	6,073	11,707	529	224
Warren	4,393	2,857	5,013	4,063	62	344
Total	158552	164051	133675	221367	6,373	5,614
Plurality	..	5,499	..	87,692	..	..
Per cent	47.26	48.90	36.03	59.66	1.72	1.51
Scattering	12,842		3,985			
Whole vote	335,445		371,014			

The scattering vote for Governor in 1898 was: Landon, Pro., 6,893; Maguire, Soc. L., 5,458, and Schrayshuen, Pop., 491.

In 1897 an amendment prohibiting racecourse bookmaking was adopted by a vote of 70,443 to 69,642. An amendment extending suffrage for school officers to women was defeated by a vote of 75,170 to 65,021.

The scattering vote in 1896 was for Matchett, Soc. L.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Camden, Cape May, Cumberland, Gloucester, and Salem. S. Iredell, Dem., 18,092; H. C. Loudenslager, Rep., 23,864; G. J. Haven, Pro., 1,859, F. F. Mills, Soc. L., 164. Loudenslager's plurality, 5,772.

II. Counties of Atlantic, Burlington, Mercer, and Ocean. John F. Hall, Dem., 17,367; J. J. Gardner, Rep., 24,035; J. J. Currie, Pro., 1,294; J. P. Weigel, Soc. L., 153. Gardner's plurality, 6,668.

III. Counties of Middlesex, Monmouth, and Somerset. P. Convery, Dem., 18,683; P. F. Howell, Rep., 19,512; O. B. Bird, Pro., 670; F. W. Williams, Soc. L., 183. Howell's plurality, 829.

IV. Counties of Hunterdon, Morris, Sussex, and Warren. J. S. Salmon, Dem., 17,866; J. I. B. Reiley, Rep., 15,207; F. P. Lefferts, Pro., 1,571; F. Campbell, Soc. L., 70. Salmon's plurality, 2,659.

V. Counties of Bergen and Passaic. F. J. Marley, Dem., 16,342; J. F. Stewart, Rep., 18,367; C. H. Stocking, Pro., 354; L. A. Magnet, Soc. L., 1,270. Stewart's plurality, 2,025.

VI. Newark City (part of Essex County). H. G. Atwater, Dem., 20,150; R. W. Parker, Rep., 23,843; D. B. Raub, Pro., 395; H. Carless, Soc. L., 1,035. Parker's plurality, 3,693.

VII. Part of Hudson County. W. D. Daly, Dem., 30,270; Z. K. Pangborn, Rep. 20,162; J. W. Brown, Pro., 258; G. P. Herrschaft, Soc. L., 1,723. Daly's plurality, 10,108.

VIII. County of Union and parts of Essex and Hudson. E. H. Snyder, Dem., 15,878; C. N. Fowler, Rep., 20,230; J. C. Davis, Pro., 561; W. J. Campbell, Soc. L., 740. Fowler's plurality, 4,352.

NEW JERSEY—*Continued.*

PRESENT STATE GOVERNMENT.

Governor, Foster M. Voorhees; Secretary of State, George Wurts; Treasurer, G. B. Swain; Comptroller, W. S. Hancock; Attorney-General, Samuel H. Grey; Adjutant-General, W. S. Stryker; Superintendent of Education, C. J. Baxter; Commissioner of Banking and Insurance, William Bettle—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, W. J. Magie, Rep.; Justices, D. A. Depue Rep.; J. Dixon, Rep.; B. Vansyckel, Dem.; C. G. Garrison Dem.; J. H. Lippincott, Dem.; W. S. Gummere, Rep.; G. C. Ludlow, Dem.; Gilbert Collins, Rep.; Clerk, William Riker, Jr Rep.

Court of Errors and Appeals: Judges, J. W. Bogert, G. Krueger, Frederic Adams, W. H. Vredenburgh, Charles E. Hendrickson, James H. Nixon; Chancellor, A. T. McGill, and the Supreme Court Justices.

STATE LEGISLATURE, 1900.

	Senate.	*Assembly.*	*Joint Ballot.*
Republicans	14	44	58
Democrats	7	16	23
Republican majority	7	28	35

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro*	*Plu.*
1872. President	76,800	91,666	....	....	*14,860 R
1876. President	115,962	103,517	714	....	12,445 D
1880. President	122,565	120,555	2,617	191	2,010 D
1884. President	127,778	123,366	3,456	6,153	4,412 D
1888. President	151,493	144,344	....	7,904	7,149 D
			Soc.Lab.		
1892. President	171,042	156,068	1,337	8,131	14,974 D
			N.D.		
1896. President	133,675	221,367	6,373	5,614	87,692 R
1898. Governor	158,552	164,051	....	6,893	5,499 R

*Majority.

NEW HAMPSHIRE.

Counties. (10.)	Governor, 1898.		President, 1896.			
	Stone, Dem.	Rollins, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Belknap	2,526	2,224	978	3,465	263	58
Carroll	1,819	2,341	1,214	2,800	175	57
Cheshire	1,968	3,475	1,372	4,818	231	45
Coos	2,478	2,666	1,489	3,253	149	35
Grafton	3,541	4,881	2,306	6,199	459	109
Hillsborough	8,853	9,574	4,965	13,080	917	144
Merrimack	5,474	6,405	3,310	7,715	562	155
Rockingham	4,288	6,619	2,992	7,881	390	87
Strafford	3,248	4,499	2,259	5,483	173	62
Sullivan	1,458	2,046	1,045	2,750	201	27
Total	35,653	44,730	21,650	57,444	3,520	779
Plurality	..	9,077	..	35,794	..	..
Per cent	43.25	54.26	25.82	68.65	4.20	0.93
Scattering	2,050		277			
Whole vote	82,433		83,670			

Bryan received 21,271 votes on the Democratic and 379 on the Populist electoral ticket.

The scattering vote for President in 1896 was: Bentley, Nat. Pro., 49; Matchett, Soc. L., 228.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. E. J. Knowlton, Dem., 18,513; C. A. Sulloway, Rep., 21,373; Vail, Pro., 550; Mellen, Soc. Dem., 194; Arnstein, Soc. L., 309. Sulloway's plurality, 2,855.

II. W. F. Daniell, Dem., 17,266; F. G. Clarke, Rep., 22,395; Berry, Pro., 580; Blodgett, Pop., 56; scattering, 74. Clarke's plurality, 5,129.

PRESENT STATE GOVERNMENT.

Governor, Frank W. Rollins; Secretary of State, Edward N. Pearson; Treasurer, Solon A. Carter; Adjutant-General, A. D. Ayling; Attorney-General, Edwin G. Eastman—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Isaac N. Blodgett, Dem.; Associate Justices, William M. Chase, Dem.; Frank N. Parsons, Rep.; Robert G. Pike, Rep.; R. R. Wallace, Rep.; Robert J. Peaslee, Dem., and John E. Young, Rep.; Clerk, A. J. Shurtleff, Rep.

NEW HAMPSHIRE—*Continued.*

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	22	249	271
Democrats	2	149	151
Republican majority	20	100	120

VOTE OF THE STATE SINCE 1876.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1876. President	38,509	41,539	....	....	3,030 R
1880. President	40,794	44,852	528	....	4,058 R
1884. President	39,187	43,250	1,571	552	4,063 R
1888. President	43,382	45,724	....	1,566	2,342 R
				Pop.	
1892. President	42,081	45,658	292	1,297	3,547 R
			N. D.		
1896. Governor	28,333	48,387	....	....	20,054 R
1896. President	21,650	57,444	3,520	779	35,794 R
1898. Governor	35,653	44,730	....	104	9,077 R

NEW MEXICO.

Counties. (18.)	Congress, 1898.		Congress, 1896.		
	Fergusson Dem.	Perea, Rep.	Fergusson Dem.	Catron Rep.	Dame, Silver.
Bernalillo	2,114	2,550	2,049	2,669	23
Chares	417	146	418	101	19
Colfax	1,181	727	1,272	660	6
Doña Aña	1,154	1,286	1,258	1,045	...
Eddy	321	126	412	120	...
Grant	1,215	668	1,407	455	1
Guadalupe	397	598	502	460	...
Lincoln	610	536	769	464	...
Mora	1,114	1,147	1,112	1,112	...
Rio Arriba	1,084	1,684	1,248	1,496	...
San Juan	450	182	445	125	...
San Miguel	2,193	2,402	2,334	2,332	4
Santa Fé	1,239	1,673	1,641	1,584	12
Sierra	495	317	677	168	...
Socorro	1,150	1,407	1,445	1,205	...
Taos	968	1,049	1,193	100	...
Union	512	535	524	375	...
Valencia	45	1,689	205	1,615	1
Total	16,659	18,722	18,948	17,017	66
Plurality	..	2,063	1,931	...	...
Per cent	47.08	52.91	52.58	47.23	0.19
Whole vote	35,381		36,031		

PRESENT TERRITORIAL GOVERNMENT.

Governor, Miguel A. Otero, Rep.; Secretary, George H. Wallace, Rep.; Treasurer, J. H. Vaughn, Rep.; Auditor, L. M. Ortiz, Rep.; Adjutant-General, W. H. Whiteman, Rep.; Attorney-General, E. L. Bartlett, Rep.; Supt. Education, M. C. de Baca, Rep.

JUDICIARY.

Supreme Court: Chief Justice, William J. Mills; Associate Justices, John R. McFie, J. W. Crumpacker, F. W. Parker, and C. C. Leland; Clerk, Jose D. Sena—all Republicans.

TERRITORIAL LEGISLATURE.

The Territorial Legislature has 6 Democrats and 30 Republicans in the two branches.

VOTE OF THE TERRITORY SINCE 1878.

	Dem.	*Rep.*	*Maj.*
1878	9,067	9,739	672 R
1880	9,562	10,835	1,273 R
1882	13,378	15,062	1,684 R
1884	12,271	15,122	2,851 R
1886	16,235	12,347	3,888 D
1888	16,131	14,481	1,650 D
1890	17,206	15,142	2,064
1892	15,799	15,220	579 D
	Dem.	*Rep.*	*Pop.*	*Plu.*
1894	15,351	18,112	1,835	2,762 R
			Silver.	
1896	18,948	17,017	66	1,931 D
1898	16,659	18,722	....	2,063 R

NEW YORK.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Suffolk and Nassau, and Queens Boro, N. Y City, Townsend Scudder, Dem., 22,893; Joseph M. Belford, Rep., 22,483; C. W. McCullough, Soc. L., 84; H. M. Randall, Pro., 557.

II. City of New York, Brooklyn Boro (1st, 2d, 5th, 6th, 7th, 11th, and 20th Wards). John J. Fitzgerald, Dem., 18,431; Denis M. Hurley, Rep., 14,323; Peter Larsen, Soc. L., 246; William Passage, Pro., 109.

III. City of New York, Brooklyn Boro (3d, 4th, 9th, 10th, 29th, Wards, and part of 22d and 23d Wards, Edmund H. Driggs, Dem., 20,995; Wm. A. Prendergast, Rep., 19,872; Joel Gauss, Soc. L., 376; Asa F. Smith, Pro., 137.

IV. City of New York, Brooklyn Boro (12th, 8th, 24th, 25th, 26th, 30th, 31st. 32d Wards, and part of 22d and 23d Wards.) Bertram F. Clayton, Dem., 24,581; I. F. Fischer, Rep., 20,893; Jos. B. Cooper, Soc. L., 880; Benj. Larzelere, Pro., 136.

V. City of New York, Brooklyn Boro (18th, 21st, 27th, 28th Wards and part of 13th and 19th Wards). Frank C. Wilson, Dem., 19,579; Charles G. Bennett, Rep., 16,669; Gustav Rosenblatt, Soc. L., 1,782; Horatio Berry, Pro., 71.

VI. City of New York, Brooklyn Boro (14th, 15th, 16th, 17th Wards and part of 13th and 19th Wards). Mitchell May, Dem., 16,215; Henry C. Fischer, Rep., 11,899; Wm. Spooner, Soc. L., 1,029; Isaac Carhart, Pro., 75.

VII. City of New York (1st and part of 2d and 3d Assembly Districts Manhattan Boro) and Richmond Boro (Staten I.). Nicholas Muller, Dem., 14,122; Chas. W. Townsend, Rep., 6,639; Julius Loos, Soc. L., 308; W. P. F. Ferguson, Pro., 157.

VIII. City of New York, Manhattan Boro (parts 2d, 3d, 5th, 6th, 7th, 18th, 25th Assembly Districts). D. J. Riordan, Dem., 10 716; J. M. Mitchell, Rep., 7,347; John Nagel, Soc. L., 160; M. M. Palmer, Pro., 33.

IX. City of New York, Manhattan Boro (4th and 12th, and parts of 2d, 6th, 8th, 10th, 16th Assembly Districts) Thos. J. Bradley, Dem., 11,694; John Stiebling, Rep., 6,447; Lucien Sanial, Soc. L., 2,396; G. E. Mayer, Pro., 37.

X. City of New York, Manhattan Boro (9th and 11th, and parts of 3d, 5th, 7th, 13th, 25th Assembly Districts). Amos J. Cummings, Dem., 18,859; Elijah M. Fisher, Rep., 10,620; Thomas Ceely, Soc. L., 457; George Gethin, Pro., 87.

XI. City of New York, Manhattan Boro (14th, and parts of 6th, 8th, 10th, 16th Assembly Districts). William Sulzer, Dem., 14,364; Wm. Volkel, Rep., 6,178; Howard Balkam, Soc. L., 2,310; George H. Mayer, Pro., 27.

XII. City of New York, Manhattan Boro (20th and parts of 18th, 22d, 25th. 27th Assembly Districts). George B. McClellan, Dem., 15,108; Howard Conkling, Rep., 7,710; D. Hosman, Soc. L., 509; W. C. Sheldon, Pro., 35.

XIII. City of New York, Manhattan Boro (parts of 13th, 15th, 17th, 22d, 24th, 27th, 29th Assembly Districts). Jefferson Levy, Dem., 17 985; J. W. Perry, Rep., 11,393; J. J. Flick, Soc. L., 643; John McKee, Pro., 58.

XIV. City of New York, Manhattan Boro (19th, 21st, 26th, and parts of 15th, 17th, 23d, 24th, 27th, 28th, 29th, 31st Assembly Districts). Wm. A. Chanler, Dem., 31,604; Lemuel E. Quigg Rep., 25,209; Emile Neppel, Soc. L., 1,307; Albert Wadhams, Pro., 104.

NEW YORK—*Continued.*

XV. City of New York, Manhattan Boro (30th, 32d, 33d and parts of 23d, 28th, 29th, 31st, 34th Assembly Districts). Jacob Ruppert, Dem., 31,292; Philip B. Low, Rep., 20,848; William Ehret, Soc. L., 1,922; Jeremiah Brooks, Pro., 83.

XVI. City of New York, Bronx Boro (35th and part of 34th Assembly Districts) and Westchester County. John Q. Underhill, Dem., 49,632; J. Irving Burns, Rep., 36,559; John J. Kinnealy, Soc. L., 1,633; C. F. Jewell, Pro., 432; Wm. A. Cox, Chicago Plat. Dem., 62.

XVII. Counties of Rockland, Orange, and Sullivan. S. D. Roberson, Dem., 15,564; A. S. Tompkins, Rep., 19,195; Samuel P. Felter, 143; James C. Rider, 549.

XVIII. Counties of Putnam, Dutchess, and Ulster. Thomas E. Benedict, Dem., 18 348; John H. Ketcham, Rep., 23,276; Lester Howard, 641.

XIX. Counties of Columbia and Rensselaer. J. H. Livingston, Dem., 19,565; A. V. S. Cochrane, Rep., 19,593; L. A. Boland, Soc. L., 210; Adam T. Myers, Pro., 517.

XX. County of Albany. M. H. Glynn, Dem., 20,026; G. N. Southwick, Rep., 19,475; J. C. Alexander, 265; O. H. Blodgett, 189.

XXI. Counties of Greene, Schoharie, Otsego, Montgomery, and Schenectady. Stephen L. Mayhew, Dem., 23,347; John K. Stewart, Rep., 25,561; Arthur Playford, 362; Smith C. Niles, 904.

XXII. Counties of Fulton, Hamilton, Saratoga, and St. Lawrence. Dennis B. Lucey, Dem., 15,448; Lucius N. Littauer, Rep., 27,083; Miles E. Wilcox, Soc. L., 331; Oren E. Whitney, Pro., 1,342.

XXIII. Counties of Clinton, Franklin, Essex, Warren, and Washington. Louis W. Emerson, Rep., 25,662; Jonathan E. Hoag, Pro., 993.

XXIV. Counties of Oswego, Jefferson, and Lewis. E. T. Strickland, Dem., 15.724; Charles A. Chickering, Rep., 23,991; Eugene M. Crabb, ',034.

XXV. Counties of Oneida and Herkimer. Walter Ballou, Dem., 19,160; J. S. Sherman, Rep., 22,368; T. C. Brockway, 858.

XXVI. Counties of Delaware, Chenango, Broome, Tioga, and Tompkins. E. E. Pease, Dem., 19,199; G. W. Ray, Rep., 30,007; Isaac C. Andrews, Pro., 2,001.

XXVII. Counties of Onondaga and Madison. George H. Gilbert, Dem., 14,207; Michael E. Driscoll, Rep., 26,025; Thomas Crimmins, 2,434; Charles M. Tower, 932; John McCarthy, 2,433.

XXVIII. Counties of Cayuga, Cortland, Ontario, Wayne, and Yates. John H. Young, Dem., 18,831; Sereno E. Payne, Rep., 29,536; John W. Burrus, Pro., 1,375.

XXIX. Counties of Chemung, Schuyler, Seneca, and Steuben. Albert L. Childs, Dem., 18,311; Charles W. Gillet, Rep., 22,348; C. E. Decker, 1,737.

XXX. Counties of Genesee, Livingston, Niagara, Orleans, and Wyoming. James T. Gordon, Dem., 18,911; James W. Wadsworth, Rep., 25,799; Alvah Carpenter, Pro., 1,523.

XXXI. County of Monroe. John C. Fanning, Dem., 17,227; James M. E. O'Grady, Rep., 20,717; F. A. Sieverman, 1,165; B. H. Roberts, 900.

XXXII. County of Erie (part). William H. Ryan, Dem., 15,546; R. B. Mahany, Rep., 14,858.

XXXIII. County of Erie (part). H. W. Richardson, Dem., 17,233; D. S. Alexander, Rep., 22,924.

XXXIV. Counties of Allegany, Cattaraugus, and Chautauqua. William J. Sansbury, Dem., 13,666; Warren B. Hooker, Rep., 25,856; A. Y. Freeman, 1,654.

NEW YORK—*Continued.*

Counties. (61.)	Governor, 1898.					Chief Justice, 1897.				President, 1896.				
	Van Wyck, Dem.	Roosevelt, Rep.	Kline, Pro.	Hanford, Soc. L.	Bacon, Cit. Union	Parker, Dem.	Wallace, Rep.	Cuno, Soc. L.	Baldwin, Pro.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.	Matchett, Soc. L.
Albany	20,232	19,307	196	285	62	16,765	17,991	279	224	17,818	22,263	359	207	187
Allegany	2,953	6,129	599	28	5	2,979	4,686	59	573	3,895	7,079	83	447	4
Broome	5,627	9,258	514	40	70	5,071	6,929	17	603	5,461	10,630	128	446	9
Cattaraugus	5,055	8,335	416	57	17	3,164	6,132	40	372	6,088	9,337	90	362	12
Cayuga	5,568	8,792	246	103	66	3,294	6,345	37	324	5,846	10,024	143	287	30
Chautauqua	5,294	12,014	560	65	20	3,169	6,495	49	510	6,581	14,325	135	449	17
Chemung	6,008	5,906	475	55	7	4,697	5,431	50	485	5,259	7,026	92	290	19
Chenango	3,656	5,779	271	56	14	2,491	4,363	29	333	3,973	6,338	104	297	14
Clinton	4,800	4,824	97	21	12	3,782	3,750	18	84	3,074	6,005	54	44	12
Columbia	5,159	5,446	143	19	5	3,589	4,898	9	133	4,373	6,654	177	175	3
Cortland	2,466	4,200	284	18	9	2,631	3,069	1	322	2,574	4,939	55	222	1
Delaware	4,029	6,515	370	24	25	3,266	4,823	18	373	4,450	7,790	94	272	9
Dutchess	7,939	10,527	343	53	15	6,202	8,790	66	519	6,634	12,127	244	387	30
Erie	36,441	34,199	505	1,493	65	34,910	34,755	808	632	30,172	45,612	1,124	463	508
Essex	2,273	4,325	80	19	10	1,563	2,715	10	45	1,760	5,356	56	38	4
Franklin	2,474	5,267	179	16	8	1,092	2,921	14	154	2,490	6,118	64	143	14
Fulton & Hamilton	4,492	6,644	395	193	8	3,182	4,921	151	397	3,849	7,704	127	390	73
Genesee	2,716	4,680	229	25	6	1,195	2,548	14	200	3,004	5,190	55	181	9
Greene	4,019	4,063	147	48	5	3,711	3,507	21	152	3,688	4,540	88	158	18
Herkimer	5,527	6,705	263	61	25	5,133	5,348	38	276	5,027	8,096	151	261	10
Jefferson	6,631	10,222	510	45	14	4,426	6,576	25	493	6,644	11,411	176	507	6
Kings	101526	83,146	384	4,145	275	96,124	55,563	3,964	752	76,882	109135	3,715	463	3,481
Lewis	2,892	3,604	81	6	3	1,891	2,860	3	109	3,042	4,466	51	88	5
Livingston	2,351	5,180	277	20	10	2,613	3,569	12	259	4,101	5,461	73	257	4
Madison	3,490	6,141	320	70	13	2,000	3,995	53	340	3,580	7,588	106	268	32
Monroe	18,093	20,748	714	970	93	15,566	18,183	520	485	17,158	26,288	395	511	466
Montgomery	5,491	6,296	180	74	9	4,220	5,504	30	234	4,759	7,082	141	111	36
Nassau	4,153	5,415	51	28	7	..	..	..	..	..	..	..	..	..
New York	173476	112806	485	10,091	765	162825	71,386	10,564	854	135624	156359	5,541	683	10,025
Niagara	7,074	7,602	345	61	18	4,723	4,805	47	270	6,441	8 626	143	267	13
Oneida	14,077	15,449	574	280	44	9,998	13,566	243	804	11,003	18,855	468	520	161
Onondaga	13,598	19,785	510	2,360	17	13,851	16,831	951	437	13,695	25,032	206	405	713
Ontario	4,781	6,573	269	29	17	3,447	5,130	24	392	5,485	7 506	126	206	9
Orange	9,098	11,911	332	135	18	8,637	10,501	223	373	8 971	14,086	249	304	57
Orleans	2 821	4,232	315	12	5	1,467	2,026	12	286	2 993	4 664	33	213	6
Oswego	6,340	10,184	395	31	15	4,548	7,603	16	319	6 401	11,411	95	258	3
Otsego	5,800	6,870	348	40	20	3,945	5,308	54	399	5 820	8 161	166	321	9
Putnam	1,651	1,901	36	7	3	916	1,707	2	68	1 027	2 364	53	42	9
Queens	13,049	9,715	43	953	36	14,718	11,503	1,045	236	11,980	18,694	633	132	774
Rensselaer	14,693	14,089	398	212	22	12,422	13,409	170	349	13,119	17,221	208	274	92
Richmond	6,723	4,577	113	216	24	5,972	3,598	165	173	4 452	6 170	293	145	138
Rockland	3,374	3,382	82	23	8	3,353	3,023	19	76	3 002	4,336	156	109	11
St. Lawrence	4,989	12,587	438	65	11	1,975	6,838	47	395	5,749	15,287	123	377	5
Saratoga	5,899	8,176	395	62	17	4,494	6,006	24	322	4,987	9 638	157	362	17
Schenectady	4,041	4,617	138	213	7	3,527	3,614	78	89	3,711	4 903	103	115	75
Schoharie	4,310	3,567	131	10	2	3,527	3,217	6	146	4 203	3 838	54	135	4
Schuyler	1,622	2,343	193	7	..	1,248	1,985	7	132	1,619	2,692	37	146	1
Seneca	3,434	3,450	90	13	7	2,728	3,010	12	90	3,213	3 853	54	175	3
Steuben	7,536	10,639	888	114	16	5,489	7,919	40	801	7,971	12,858	118	657	18
Suffolk	5,442	7,928	440	48	11	3,296	5,380	74	558	3,872	9 388	367	409	61
Sullivan	3,325	3,900	96	22	2	3,008	3,474	9	79	3,073	4,589	86	106	10
Tioga	2,926	4,100	265	15	2	1,670	3,133	15	269	2,824	4 849	40	224	4
Tompkins	3,094	4,516	441	20	25	2,044	3,321	14	397	3 506	5,342	103	240	9
Ulster	9,174	10,678	222	36	8	9,350	7,903	31	247	8,140	11,100	143	316	12
Warren	2,950	4,083	137	38	9	2,400	3,520	13	150	2 269	4,685	69	122	7
Washington	3,400	7,117	409	27	14	1,689	4,138	7	278	3,239	8,139	133	260	4
Wayne	4,280	6,919	311	16	16	2,574	4,805	10	228	4 254	8,039	77	220	8
Westchester	15,010	16,653	254	637	54	12,997	13,371	558	624	11,752	19,337	643	314	388
Wyoming	2,794	4,522	268	14	4	1,255	2,605	11	226	2,706	4,967	67	230	5
Yates	1,785	3,189	193	16	8	1,861	2,484	22	153	2,086	3,370	30	141	3
Total	643921	661707	18,383	23,860	2,103	554680	493791	20,854	19,653	551369	819838	18,950	16,052	17,667
Plurality	..	17,786	..	..	..	60,889	..	..	..	..	268469	..	..	..
Per cent	47.70	49.02	1.36	1.77	0.15	50.93	45.34	1 91	1.80	38.76	57.53	1.34	1.13	1.24
Whole vote		*1,349.974									†1,423,876			

*Not including blank, defective, and scattering. †Not including 122,080 blank, defective, and scattering.

VOTE OF THE STATE OF NEW YORK SINCE 1880.

	Dem.	Rep.	Gr.	Pro.	Plu.		Dem.	Rep.	L. Lab.	Pro.	Plu.
1880. Pres.	534,511	555,544	12,373	1,517	21,033 R	1889. Sec. Sta	505,894	485,367	....	26,763	20,527 D
1881. Sec. Sta	403,893	416,915	16,018	4,445	13,022 R	1891. Gov	582,893	534,956	14,651	30,353	47,937 D
1882. Gov	535,318	342,464	11,974	25,783	192,854 D					*Soc. Lab.*	
1883. Sec. Sta	427,525	446,103	7,221	18,816	18,583 R	1892. Pres.	*654,865	609,350	17,956	38,190	45,518 D
1884. Pres.	563,048	562,001	17,002	25,001	1,047 D	1893. Sec. Sta	†520,614	545,098	19,984	34,241	24,484 R
1885. Gov	501,465	490,331	2,130	30,867	11,134 D	1894. Gov	‡517,710	673,818	15,868	23,526	156,108 R
1886. Ct. Ap.	468,455	460,637	2,181	36,414	7,818 D	1895. Sec. Sta	§511,060	601,205	21,497	25,239	90,146 R
			U. Lab.			1896. Pres.	‖551,369	819,838	17,667	16,052	268,469 R
1887. Sec. Sta	469,888	452,811	70,055	41,850	17,077 D	1897. Ch. Jus.	554,680	493,791	20,854	19,653	60,889 D
1888. Pres.	635,757	648,759	2,668	30,231	13,002 R	1898. Gov	643,921	661,707	23,860	18,383	17,786 R
1888. Gov	650,464	631,293	....	30,215	19,171 D						

*Populist vote in addition, 16,429. †Populist vote, 17,050. ‡Populist vote, 11,049. Dem. Reform vote (Wheeler), 27,202. §Populist vote, 6,916. ‖National Democratic vote, 18,950.

VOTE OF THE CITY OF NEW YORK, 1898 AND 1899.

BOROUGHS OF MANHATTAN AND BRONX.

Assembly Districts.	Governor, 1898.			Supreme Court, 1899.			Surrogate, 1899.		Sheriff, 1899.		General Sessions, 1899.	
	Van Wyck, Dem.	Roosevelt, Rep.	Hanford, Soc. L.	Barrett, D. & R.	O'Gorman, Dem.	Daly, Rep.	Thomas, Dem.	Varnum, Rep.	Grell, Dem.	O'Brien, Rep.	Foster, Dem.	Blanchard, Rep.
1	3,651	1,209	36	3,773	3,078	884	3,077	873	3,067	910	3,071	895
2	5,081	1,644	104	5,344	4,364	1,210	4,405	1,179	4,289	1,314	4,333	1,208
3	4,975	2,282	76	5,586	4,062	1,680	4,091	1,651	4,015	1,754	4,039	1,694
4	3,880	2,095	548	4,415	3,122	1,500	3,185	1,451	3,066	1,604	3,143	1,512
5	3,650	3,956	77	6,069	3,064	3,179	3,065	3,187	3,081	3,183	3,031	3,210
6	5,727	2,228	202	6,526	4,896	1,749	4,913	1,727	4,902	1,764	4,892	1,757
7	4,864	2,885	73	6,346	4,055	2,467	4,107	2,413	4,015	2,548	4,043	2,489
8	2,285	1,760	383	3,915	2,625	1,334	2,641	1,329	2,645	1,349	2,626	1,345
9	4,671	3,192	119	6,029	3,824	2,461	3,846	2,457	3,713	2,610	3,784	2,495
10	4,254	2,364	652	5,561	3,524	2,177	3,570	2,133	3,651	2,081	3,555	2,152
11	4,454	2,364	121	5,198	3,588	1,778	3,605	1,746	3,549	1,824	3,570	1,798
12	3,333	1,551	691	4,061	3,058	1,145	3,018	1,124	3,017	1,207	3,060	1,132
13	4,150	1,955	172	4,667	3,378	1,471	3,360	1,482	3,349	1,499	3,351	1,480
14	4,940	2,219	579	5,748	3,862	2,127	3,920	2,080	3,910	2,165	3,886	2,123
15	4,557	2,440	168	5,193	3,494	2,505	3,475	2,499	3,496	2,526	3,458	2,515
16	3,752	1,829	1,214	4,583	3,422	1,189	3,464	1,149	3,469	1,186	3,436	1,190
17	4,520	2,278	132	5,491	3,886	1,941	3,892	1,931	3,833	2,015	3,867	1,979
18	5,804	1,973	234	6,628	5,263	1,625	5,301	1,560	5,155	1,746	5,278	1,588
19	4,756	5,775	107	8,788	4,143	4,851	4,154	4,846	4,129	4,861	4,103	4,976
20	5,593	2,261	178	6,590	4,432	2,438	4,450	2,421	4,350	2,547	4,415	2,452
21	5,976	7,586	143	11,614	5,171	6,777	5,192	6,724	5,233	6,729	5,112	6,805
22	5,486	2,236	155	6,122	4,510	1,911	4,538	1,860	4,491	1,920	4,512	1,898
23	6,076	5,529	183	10,241	5,855	4,643	5,884	4,598	5,879	4,629	5,817	4,665
24	4,802	2,099	258	5,197	3,772	1,821	3,824	1,751	3,824	1,795	3,802	1,791
25	3,040	4,226	43	5,252	2,271	3,149	2,247	3,087	2,294	3,035	2,256	3,056
26	4,021	2,174	498	4,728	3,290	2,106	3,338	2,008	3,339	2,062	3,278	2,069
27	2,756	4,052	25	5,246	2,253	3,105	2,252	3,117	2,264	3,100	2,235	3,127
28	4,861	2,097	534	5,779	4,272	1,723	4,308	1,684	4,286	1,759	4,304	1,698
29	3,729	5,230	45	7,095	3,153	4,088	3,273	3,981	3,368	3,900	3,175	4,079
30	5,953	2,830	555	6,770	4,811	2,401	4,917	2,268	4,901	2,364	4,889	2,323
31	5,697	6,899	104	10,932	5,486	6,156	5,418	5,843	5,427	5,862	5,307	5,968
32	6,099	3,207	438	6,840	4,503	2,963	4,565	2,727	4,455	2,898	4,496	2,805
33	5,044	2,871	204	6,248	4,278	2,228	4,356	2,132	4,312	2,230	4,319	2,200
34	3,737	5,552	411	12,020	7,836	4,625	7,911	4,434	7,794	4,609	7,710	4,640
35	10,060	6,735	581	12,113	7,607	4,982	9,008	5,873	9,030	5,891	8,849	6,046
Annexed 1	296	186	14	..	...	...	215	208	243	186	218	207
Annexed 2	1,970	1,006	36	..	..	..	1,770	1,047	1,770	1,066	1,769	1,061
Total	173,476	112,806	10,093	226,715	144,185	92,395	148,566	92,585	147,615	94,732	146,991	94,430

For Governor, 1898, Kline, Pro., had 489, and Bacon, Cit. Union, 771. Supreme Court, 1899, Kinneally, S. L., 9,287; Wright, S. L., 9,191; Manierre, Pro., 676; Crosby, Ind. Lab., 720. General Sessions, Cogan, S. L., 9,419; Manierre, Pro., 664. Surrogate, Lightbourn, S. L., 9,408; Richards, Pro., 657. Sheriff, Cooper, S. L., 9,100; Brooks, Pro., 682.

BOROUGH OF BROOKLYN.

Wards.	Governor, 1898.			Dist. Att'y, '99.		Sheriff, 1899.		Register, 1899.		Co. Clerk, 1899.	
	Van Wyck, Dem.	Roosevelt, Rep.	Hanford, Soc. L.	Clarke, Dem.	Steele, Rep.	Walton Dem.	Neu, Rep.	Gray, Dem.	Howe, Rep.	Huberty Dem.	Mayette Rep.
1	1,823	2,243	24	1,474	1,896	1,490	1,870	1,305	2,046	1,404	1,938
2	1,241	239	18	1,121	229	1,083	266	1,062	285	1,094	256
3	1,773	1,635	42	1,524	1,410	1,479	1,449	1,322	1,599	1,493	1,419
4	1,716	884	45	1,514	728	1,484	759	1,415	816	1,493	744
5	2,586	722	24	2,396	616	2,367	632	2,315	673	2,363	637
6	4,894	2,109	55	4,287	1,748	4,239	1,787	4,130	1,905	4,238	1,761
7	3,539	4,041	47	3,097	3,372	3,171	3,252	2,754	3,696	2,961	3,486
8	4,382	2,948	162	3,492	2,318	3,427	2,377	3,210	2,554	3,423	2,363
9	4,381	3,158	53	3,769	2,561	3,747	2,580	3,400	2,913	3,694	2,617
10	4,738	2,090	59	3,863	2,255	3,773	2,341	3,482	2,617	3,810	2,276
11	2,436	1,847	26	2,138	1,505	2,129	1,507	1,993	1,644	2,091	1,549
12	3,430	967	77	2,385	1,057	2,292	1,151	2,086	1,300	2,364	1,074
13	2,510	2,201	65	2,289	1,767	2,129	1,848	1,850	2,128	2,088	1,852
14	3,306	913	73	2,849	767	2,787	825	2,549	1,031	2,807	798
15	2,908	2,352	116	2,524	2,023	2,469	2,062	2,305	2,227	2,464	2,064
16	3,470	2,059	403	2,854	1,816	2,704	1,969	2,608	2,074	2,801	1,828
17	5,117	3,685	320	4,074	2,955	3,997	3,046	3,619	3,112	3,960	3,013
18	2,300	942	122	2,010	948	1,982	983	1,948	1,006	2,014	940
19	2,859	3,471	161	2,581	2,857	2,421	3,001	2,138	3,299	2,385	3,021
20	2,155	2,992	23	1,937	2,287	2,056	2,256	1,732	2,592	1,882	2,438
21	5,106	4,623	311	4,313	4,136	4,219	4,236	4,033	4,415	4,281	4,171
22	5,627	5,407	190	4,580	4,568	4,525	4,574	4,003	5,093	4,400	4,684
23	3,903	8,116	43	3,472	6,800	3,522	6,679	2,888	7,352	3,212	6,984
24	2,255	2,285	43	1,969	1,979	1,995	1,956	1,787	2,147	1,910	2,015
25	3,440	4,809	90	3,242	4,178	3,239	4,113	2,929	4,466	3,137	4,259
26	4,386	3,931	353	3,841	3,543	3,706	3,702	3,590	3,742	3,792	3,570
27	3,520	1,902	459	2,974	1,695	2,863	1,832	2,867	1,802	3,055	1,652
28	5,690	5,771	656	4,499	5,037	4,365	5,185	4,146	5,376	4,547	5,014
29	1,899	1,688	25	1,725	1,715	1,718	1,708	1,683	1,854	1,673	1,747
30	1,652	1,528	33	1,751	1,553	1,705	1,606	1,605	1,687	1,711	1,573
31	1,421	709	7	1,878	771	1,368	784	1,343	809	1,361	781
32	739	554	8	670	634	671	634	630	679	661	643
Total	101,203	82,821	4,145	85,592	72,762	85,122	72,970	78,627	78,940	84,569	73,167

For Governor, 488, Kline, Pro., had 362, and Bacon, Cit. Union, 275. Attorney, 1899, Feltiger, S. L., 4,860; Martin, Pro., 565; Tuttle, Lab., 2,510. Candidates of same parties for other offices received about same vote.

VOTE OF THE CITY OF NEW YORK, 1898 AND 1899—*Continued.*

BOROUGH OF QUEENS.

Governor, 1898.	Van Wyck, Dem.	Roosevelt, Rep.	Hanford, Soc. L.	District-Attorney, 1899.	Merrill, Dem.	Davison, Rep.
Total	13,002	9,691	953	Total	10,578	10,282

BOROUGH OF RICHMOND.

Total	6,723	4,577	216			

Total Vote for Governor in 1898.—Van Wyck, Dem., 294,404; Roosevelt, Rep., 209,895; Hanford, Soc. L., 15,407; Kline, Pro., 1,027; Bacon, Cit. U., 1,107. Van Wyck's plurality, 84,509.

VOTE FOR ASSEMBLYMEN, MANHATTAN BOROUGH, 1899.

Dist.	Democrat.		Republican.		Socialist.		Prohibitionist.		Labor.	
1	Halpin	3,108	Browne	853	Ranson	12				
2	Rierdon	4,312	Karman	1,193	Pomeranz	117	Kellogg	20		
3	Sharkey	4,079	Smith	1,680	Wollenschlager	134	Andrews	16		
4	Roche	3,189	Brothers	1,447	Levitch	528	Holden	11		
5	Stump	3,077	Henry	3,119	Robinson	81	Pfluger	24	Barry	68
6	Sullivan	4,903	McNulty	1,674	Wheatley	158	Baumgartner	13		
7	Maher	3,809	Low	2,642	Deegan	115	Ihmer	45		
8	Cohn	2,670	Rosenberg	1,303	Eckstein	404	Tate	7		
9	Phillips	4,119	Allen	2,072	Saundry	128	Meade	18	Western	132
10	Harburger	3,610	Brand	1,909	Hosman	537	Hamenan	19	Schultz	147
11	O'Connor	3,554	Hansen	1,747			Johnson	26		
12	Sanders	2,978	Ellis	896	Klein	620	Brown	26	Barondess	973
13	Trainor	3,290	McCourt	1,569	Hunter	167	Blight	10		
14	Meister	3,800	O'Rourke	2,258	Hunter	421	Wilbur	24		
15	Smith	3,080	McManus	3,009	White	105	Schweikert	22		
16	Prince	3,219	Cohen	840	De Leon	2,044	Dochtermann	28		
17	Fitzgerald	3,726	Farrell	2,114	Schoenfeld	118	Lindsay	13		
18	Dillon	5,352	Whitehead	1,315	Diamond	303	Conover	15	Donnelly	15
19	Stewart	4,668	Mazet	4,271	Mittelberg	76	McGregor	20	Prior	62
20	Honeck	4,021	Shea	2,876	Rowe	143	Garney	13		
21	Court	5,085	Fallows	6,910	Mahland	157	Winchester	28		
22	Baum	4,594	Pratt	1,557	Wagner	176	Couch	20	Smith	246
23	Minton	5,901	Southworth	4,608	Thompson	222	Rodgers	30		
24	Fitzgerald	3,703	Nugent	1,882	Bruna	190	Gillespie	15		
25	Goldthwaite	2,330	Weekes	2,987			Sheldon	23		
26	O'Connell	3,245	Southmayd	1,387	Katz	308	De Souchet	8	Marhsch	724
27	Lippincott	2,373	Davis	2,949			Carpenter	18		
28	Green	4,396	Martin	1,612	Kenney	254	Wadhaus	9		
29	Ryttenberg	3,708	Folks	3,559			Sprague	358		
30	Hyman	4,885	Issing	2,246	Gillhaus	358	Conklin	22		
31	Stone	5,634	Slater	5,564	Bernstein	126	McNicholl	28	Dumlian	110
32	Poth	4,522	Landman	2,328	Rosenthal	387	Gage	19	Persamy	448
33	Egan	4,466	McCracken	1,935	Lederer	188	Sage	23		
34	Scanlon	7,669	Steurer	4,459	Sperle	470	McElveen	35		
35	Morris	9,098	Root	5,513	Wright	519	Bartow	68	Harmige	28
An. 1	Sloane	240	Allerton	182	Peterson	9	Perry	9		
An. 2	Henderson	1,798	Cooley	995	Brown	10	Rose	22		

VOTE FOR ASSEMBLYMEN, BROOKLYN BOROUGH, 1899.

1	Hague	2,867	Morgan	3,489	Regan	102				
2	McKeown	4,991	O'Sullivan	1,773	Fitzgerald	173				
3	McInerney	4,100	Brennan	1,680	Hughes	83				
4	Oglesby	4,131	Cotton	4,543	Jarrold	152				
5	Penney	3,657	De Graw	4,130	Weber	90				
6	Parker	3,961	Waite	4,022	Kunz	285				
7	Holsten	5,339	Wright	4,249	Murphy	344				
8	Farrell	3,149	McEvoy	2,445			Taylor	17		
9	Cain	2,663	Foster	1,565	Samuelson	174				
10	Fiske	3,725	Collier	3,497	Walsh	65				
11	Guider	4,489	Mayher	3,605	Keveney	160				
12	Schoeneck	3,963	Price	4,179	Leise	339				
13	Siems	4,230	Hobby	4,025			Owens	63		
14	Hawkins	4,420	Grealey	2,145	Rothkopf	212				
15	Juengst	2,867	Schlueter	2,174	Brower	236				
16	Roy	4,426	Brennan	4,450	Turner	120				
17	Sharp	2,374	Wilson	5,369	Ebert	67				
18	Ball	4,702	Remsen	5,099	Sorensen	167				
19	Hasenflug	4,048	Best	2,181	Wolf	235				
20	Delaney	4,468	Goodwin	4,027	Kuhn	374				
21	Torborg	4,948	Adams	4,952	Vogt	388				

VOTE FOR ASSEMBLYMEN, QUEENS AND RICHMOND BOROUGHS, 1899.

Queens: First District—Wissel, Dem., 6,296; Callahan, Rep., 4,044. Second District—Gale, Dem., 4,238; McKnight, Rep., 4,221. Third District (without Nassau County)—Townsend, Dem., 604; Doughty, Rep., 413.

Richmond: Metcalfe, Dem., 6,403; Hayes, Rep., 3,792; Driscoll, Soc. L., 245.

NORTH CAROLINA.

Counties. (96.)	Judge Superior Court, 1898.		President, 1896.			
	Hake, Dem.	Eaves, Rep.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Alamance	2,616	2,239	2 282	2 314	2	10
Alexander	892	811	1,109	640	2	1
Alleghany	853	584	737	605	...	1
Anson	1,873	1,403	2,317	1 160	...	...
Ashe	1,704	1,815	1.571	1.761	...	...
Beaufort	2,662	2,291	2 513	2 207	2	7
Bertie	1,732	2,013	1,699	2,255	8	...
Bladen	1,676	1,428	1.714	1.256	3	...
Brunswick	1,193	1,210	1,279	878	1	...
Buncombe	4,438	3,868	4.088	4 610	16	2
Burke	1,474	1.324	1 556	1,385	21	12
Cabarrus	1.949	1,307	2,250	997	36	18
Caldwell	1,190	797	1,428	963	11	59
Camden	606	555	554	588	...	...
Carteret	1,300	1,053	1,308	944	...	...
Caswell	1,445	1,637	1.372	1,710	1	...
Catawba	1,988	1,514	2,650	1 004	7	20
Chatham	2,052	2,112	2,892	1,490	...	3
Cherokee	972	939	812	969	2	...
Chowan	994	1,174	791	1,146	...	...
Clay	437	365	476	299	...	...
Cleveland	2,455	1,530	2,661	1 216	39	5
Columbus	2,116	1,531	1.998	1 162	18	...
Craven	2,076	2,885	1.810	2,920	12	6
Cumberland	2,405	2,235	2,509	2,250	4	30
Currituck	963	497	595	436	1	...
Dare	499	457	408	471	...	...
Davidson	2,409	2,092	2 061	2,375	5	24
Davie	915	1,097	895	1 306	2	2
Duplin	2,109	1,839	2,409	1,147	1	1
Durham	2,534	1,895	2 435	1,924	4	...
Edgecombe	2,891	2,498	2.033	2.759	9	...
Forsyth	3,009	3,324	2,778	3 888	18	30
Franklin	2,698	2,409	3,197	1,834	...	1
Gaston	2,348	1,731	2.069	1,645	3	29
Gates	1,103	778	1,085	759	...	...
Graham	370	379	363	347	...	...
Granville	2,236	2,279	2,263	2.178	14	...
Greene	1,218	1,237	1.222	1,065	...	...
Guilford	4,211	3,214	3.479	3.455	18	43
Halifax	3,684	2,677	2 255	4.003	3	...
Harnett	1,617	1,348	1,665	1,042	6	22
Haywood	1,853	1,041	1901	1.039	15	8
Henderson	1,048	1,313	1 022	1.459	11	...
Hertford	1,183	1,460	1 240	1 426	...	...
Hyde	994	969	1,019	847	2	...
Iredell	2,795	2,069	2,958	2,003	3	5
Jackson	1,156	997	1.148	873	...	...
Johnston	3,737	2,040	3,345	1,824	...	2
Jones	821	851	814	686	...	...
Lenoir	2,035	1,695	1,966	1,410	...	...
Lincoln	1,341	1,118	1,343	1,009	11	12
Macon	1,050	971	1 149	891	1	2
Madison	1,272	2,154	1.357	2 270	2	...
Martin	1,700	1 556	1 681	1 374	...	...
McDowell	1,257	1,017	1,204	930	1	3
Mecklenburg	5,185	3,526	4,714	3 921	34	48
Mitchell	672	1,639	630	1 861	...	...
Montgomery	1.368	1,193	1 129	1 206	2	...
Moore	2,143	2,017	2 211	1 948	4	8
Nash	2,530	2,219	2 916	1 699	...	...
New Hanover	2,804	2,641	2 110	3.184	95	...
Northampton	1,815	2,228	1 807	2 302	4	...
Onslow	1,451	877	1 568	588	...	...
Orange	1,530	1,265	1,700	1,264	7	...
Pamlico	758	826	856	642	1	...
Pasquotank	1,372	1,391	1,037	1 519	3	6
Pender	1,295	1,255	1.276	1 164	...	...
Perquimans	975	992	793	1.016	8	...
Person	1,600	1,512	1.713	1.402	...	...
Pitt	3,224	2,799	3 167	2,404	2	...
Polk	505	657	469	731	...	13
Randolph	2,675	2,742	2 482	2,743	...	83
Richmond	2,732	1,688	2.172	2 529	13	...
Robeson	3,535	2,804	3 457	2,419	1	2
Rockingham	2,950	2,673	2.882	2,569	2	...
Rowan	2,950	1,533	3 101	1 465	1	33
Rutherford	2,260	1,685	2 146	1.953	12	4
Sampson	1,736	2,437	2,789	1,275	...	21
Stanly	1,238	541	1,427	511	1	1

NORTH CAROLINA—*Continued.*

Counties.	Judge Superior Court, 1898.		President, 1896.			
	Hake, Dem.	Eaves, Rep.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Stokes	1,679	1.904	1,447	2.069	...	2
Surry	2,247	2,391	2.019	2 590	8	...
Swain	744	701	838	531	2	...
Transylvania	606	646	595	637	4	...
Tyrrell	523	472	411	491	...	...
Union	2,510	1,430	2.747	1.009	22	1
Vance	1,233	1.791	1.465	1.745	2	3
Wake	5,664	5,084	5.401	4 705	19	11
Warren	1,217	2,251	1,213	2 175	5	...
Washington	817	1,237	739	1,289	...	...
Watauga	1,115	1,155	1.063	1 176	4	3
Wayne	3,454	2,538	3.214	2 248	1	23
Wilkes	1,741	2,649	1.801	2,835	...	4
Wilson	2,458	2,040	2.715	1 436	2	...
Yadkin	1,007	1,610	1.093	1 646	2	8
Yancey	977	850	1.056	982	...	...
Total	177449	159511	174488	155222	578	675
Plurality	17,938	..	19,266	..	..	..
Per cent	52.80	47.20	52.69	46.87	0.17	0.19
Scattering	...		247			
Whole vote	336,960		329,710			

The scattering vote in 1896 was for Bentley, Nat. Pro. The vote for Chief Justice in 1894 was: Shepard, Dem., 127,593; Faircloth, Rep.-Pop., 148,344. Faircloth's plurality, 20,751.

VOTE FOR STATE OFFICERS, 1896.

For Governor, Cyrus B. Watson, Dem., 145,266; Daniel L. Russell, Rep., 153,787; W. A. Guthrie, Pop., 31,143. Russell's plurality, 8,521. Most of the other State officers were elected on a Rep.-Pop. fusion ticket, by pluralities of about 39,000.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Beaufort, Camden, Carteret, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Martin, Pamlico, Pasquotank, Perquimans, Pitt, Tyrrell, and Washington. J. H. Small, Dem., 19,732; Harry Skinner, Fus., 18,263; J. L. Whedbee, Ind. Rep., 97. Small's plurality, 1,469.

II. Counties of Bertie, Edgecombe, Greene, Halifax, Lenoir, Northampton, Warren, Wayne, and Wilson. W. E. Fountain, Dem.-Pop., 14,947; G. H. White, Rep., 17 561; J. B. Lloyd, Pop., 2,447. White's plurality, 2,614.

III. Counties of Bladen, Craven, Cumberland, Duplin, Harnett, Jones, Moore, Onslow, and Sampson. C. R. Thomas, Dem., 16,008; John E. Fowler, Fus., 15,819. Thomas' majority, 189.

IV. Counties of Chatham, Franklin, Johnston, Nash, Randolph, Vance, and Wake. J. W. Atwater, Dem.-Pop., 19,419; J. J. Jenkins, Fus., 18,581. Atwater's majority, 838.

V. Counties of Alamance, Caswell, Durham, Granville, Guilford, Orange, Person, Rockingham, and Stokes. W. W. Kitchin, Dem., 20,869; S. B. Adams, Fus., 18,607. Kitchin's majority, 2,262.

VI. Counties of Anson, Brunswick, Columbus, Mecklenburg, New Hanover, Pender, Richmond, Robeson, and Union. J. D. Bellamy, Jr., Dem., 23,168; O. H. Dockery, Fus., 17,329. Bellamy's majority, 5,839.

VII. Counties of Cabarrus, Catawba, Cleveland, Davidson, Gaston, Iredell, Lincoln, Montgomery, Rowan, and Stanly. T. F. Kluttz, Dem., 20,763; M. H. H. Caldwell, Fus., 14,661. Kluttz's majority, 6,102.

VIII. Counties of Alexander, Alleghany, Ashe, Burke, Caldwell, Davie, Forsyth, Surry, Watauga, Wilkes, and Yadkin. E. F. Lovell, Dem., 16,137; R. Z. Linney, Fus., 17,414; J. M. Brower, Ind. Rep., 158. Linney's plurality, 1,277.

NORTH CAROLINA—*Continued.*

IX. Counties of Buncombe, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, McDowell, Macon, Madison, Mitchell, Polk, Rutherford, Swain, Transylvania, and Yancey. W. T. Crawford, Dem., 19,606; R. Pearson, Rep., 19,368; G. E. Boggs, Ind. Pop., 93. Crawford's plurality, 238.

PRESENT STATE GOVERNMENT.

Governor, Daniel L. Russell, Rep.; Lieutenant-Governor, C. A. Reynolds, Rep.; Secretary of State, Cyrus Thompson, Pop.; Treasurer, W. H. Worth, Pop.; Auditor, H. W. Ayer, Pop.; Attorney-General, Zeb Vance Walser, Rep.; Insurance Commissioner, James R. Young, Dem.; Adjutant-General, R. B. Royster, Dem.

JUDICIARY.

Supreme Court: Chief Justice, William T. Faircloth, Rep.; Justices Robert M. Douglas, Rep.; Walter Clark, Dem.; D. M. Furches, Rep., and W. A. Montgomery, Dem.; Clerk, Thomas S. Kenan, Dem.

STATE LEGISLATURE, 1899.

	Senate.	*Hous.*	*Joint Ballot*
Democrats	40	94	134
Fusionists	10	26	36
Democratic majority	30	68	98

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Maj.*
1872. President	70,092	94,783	....	....	24,601 R
1876. President	125,427	108,419	....	....	17,008 D
1880. President	124,204	115,878	1,136	....	*8,326 D
1882. Cong. Large	111,763	111,320	....	....	443 D
1884. President	142,952	125,068	....	454	*17,884 D
1886. Ch. Justice	117,428	94,079	....	....	23,349 D
1888. President	147,902	134,784	....	2,789	13,118 D
1890. Ch. Justice	142,316	99,987	....	....	42,329 D
			Pop.		
1892. President	132,951	100,342	44,736	2,636	32,609 D
	Dem.	*Rep.-Pop.*	*Maj.*		
1894. Ch. Justice	127,593	148,344	20,751 R.-P		
	Dem.	*Rep.*	*Pop.*	*Pro.*	*Plu.*
1896. Governor	145,216	154,052	30,932	....	8,936 R
	Fus.	*Rep.*	*N. D.*		
1896. President	174,488	155,222	578	675	19,266 F
	Dem.				
1898. Judge	177,449	159,511	....	....	17,938 D

* Plurality.

NORTH DAKOTA.

Counties. (39.)	Governor, 1898.		President, 1896.		
	H'lmes Fusion.	Fancher, Rep.	Bryan, Dem.	McKinley Rep.	Levering, Pro.
Barnes	819	1,167	977	986	24
Benson	269	732	227	549	7
Billings	6	92	27	78	1
Bottineau	482	514	389	369	5
Burleigh	163	778	338	729	3
Cass	1,463	2,609	2,089	3,050	43
Cavalier	812	932	1,158	730	12
Dickey	527	713	587	619	6
Eddy	202	398	243	278	2
Emmons	195	404	168	300	3
Foster	217	304	143	216	2
Grand Forks	2,563	1,409	1,893	2,432	40
Griggs	365	377	360	318	7
Kidder	62	229	104	176	..
La Moure	381	600	401	460	2
Logan	16	137	25	70	..
McHenry	212	291	166	217	1
McIntosh	49	585	66	336	..
McLean	52	299	79	124	..
Mercer	9	190	28	115	..
Morton	514	867	393	752	3
Nelson	681	7 30	..	..	..
Oliver	67	94	58	59	..
Pembina	1,237	1,549	1,807	1,687	52

NORTH DAKOTA—*Continued.*

Counties	Governor, 1898.		President, 1896.		
	H'lmes Fusion.	Fancher, Rep.	Bryan, Dem.	McKinley Rep.	Levering, Pro.
Pierce	108	328	75	222	1
Ramsey	550	771	665	869	12
Ransom	614	779	579	766	11
Richland	1,351	1,594	1,160	1,843	12
Rolette	320	427	331	306	8
Sargent	498	686	636	587	4
Stark	242	547	216	530	2
Steele	252	614	322	572	7
Stutsman	652	821	578	705	12
Towner	291	460	394	303	12
Traill	659	1,289	674	1,673	20
Walsh	1,928	1,548	2,134	1,707	23
Ward	194	523	193	299	4
Wells	371	774	317	584	..
Williams	103	147	83	103	8
Total	19,496	27,308	20,686	26,335	358
Plurality	..	7,812	..	5,649	..
Per cent	41.65	58.35	43.45	56.59	0.76
Scattering	....		....		
Whole vote	46,804		47,379		

The vote for Governor in 1894 was: Kinter, Dem., 8,188; Allin, Rep., 23,723; Wallace, Pop., 9,354. Allin's plurality, 14,369.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.

At Large.—Counties of Barnes, Benson, Billings, Bottineau, Burleigh, Cass, Cavalier, Dickey, Eddy, Emmons, Foster, Grand Forks, Griggs, Kidder, La Moure, Logan, McHenry, McIntosh, McLean, Mercer, Morton, Nelson, Oliver, Pembina, Pierce, Ramsey, Ransom, Richland, Rolette, Sargent, Stark, Steele, Stutsman, Towner, Traill, Walsh, Ward, Wells, and Williams. H. M. Creel, Fus., 17,844; B. F. Spaulding, Rep., 27,776. Spaulding's majority, 10,068.

PRESENT STATE GOVERNMENT.

Governor, F. B. Fancher; Lieutenant-Governor, J. M. Devine; Secretary of State, Fred. Falley; Treasurer, D. W. Driscoll; Auditor, A. N. Carlblom; Attorney-General, J. M. Cowan; Superintendent of Education, J. G. Halland; Adjutant-General, Elliot S. Miller; Commissioner of Agriculture, H. U. Thomas; Commissioner of Insurance, G. W. Harrison—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, J. M. Bartholomew; Justices, Alfred Wallin and N. C. Young; Clerk, R. D. Hoskins—all Republicans.

STATE LEGISLATURE, 1899.

The Legislature is composed of 78 Republicans and 15 Fusionists.

VOTE OF THE STATE AND TERRITORY SINCE 1884.

	Dem.	*Rep.*	*F.A.*	*Maj.*
*1884. Congress	3,352	28,906	....	25,554 R
*1886. Congress	15,540	23,567	....	8,027 R
*1888. Congress	15,801	25,290	....	9,489 R
1889. Governor	12,733	25,365	....	12,632 R
1890. Governor	12,604	19,053	4,821	6,449 R
	Fusion.	*Pop.*		*Pro.*
1892. President	17,700	17,519	899	181 P
1892. Governor	....	17,236	....	1,729 F
	Dem.		*Pop.*	*Plu.*
1894. Governor	8,188	23,723	9,354	14,369 R
	Dem.	*Rep.*	*Pro.*	*Plu.*
1896. President	20,686	26,335	358	5,649 R
		Fus.		
1898. Governor	19,496	27,308	....	7,812 R

*Vote of the north half of Dakota Territory, corresponding to the present State of North Dakota.

OHIO.

Counties. (88.)	Governor, 1899.			President, 1896.		
	Mc-Lean, Dem.	Nash, Rep.	Jones, Non-Part.	Bryan, Dem. & Pop.	Mc-Kinley Rep.	Levering, Pro.
Adams	3,197	3,381	35	3,248	3,338	33
Allen	4,564	3,595	1,824	6,394	4,959	29
Ashland	2,986	2,908	222	3,422	2,608	23
Ashtabula	2,157	7,108	712	3,840	8,557	123
Athens	2,227	4,806	208	3,293	5,429	69
Auglaize	4,010	2,293	478	4,939	2,900	18
Belmont	5,277	6,567	171	6,413	7,629	151
Brown	4,237	2,713	42	4,485	3,170	33
Butler	6,542	4,148	2,224	8,724	5,936	89
Carroll	1,698	2,379	134	1,955	2,668	37
Champaign	3,010	3,863	157	3,432	4,314	50
Clark	5,048	6,131	971	6,382	7,667	69
Clermont	4,288	3,671	194	4,672	4,272	34
Clinton	2,286	3,693	58	2,657	4,144	55
Columbiana	4,229	8,057	633	6,598	9,487	243
Coshocton	3,771	3,304	109	3,979	3,840	38
Crawford	4,538	2,417	637	5,915	3,150	47
Cuyahoga	7,410	21,321	36,255	37,542	42,993	324
Darke	5,628	4,251	112	6,151	4,384	26
Defiance	3,205	2,130	324	4,239	2,414	18
Delaware	3,031	3,587	129	3,612	3,789	68
Erie	3,120	3,302	2,132	4,643	5,442	36
Fairfield	5,067	3,285	210	5,250	3,432	36
Fayette	2,345	3,097	24	2,802	3,387	23
Franklin	16,110	17,858	3,409	18,318	20,289	157
Fulton	1,825	2,875	356	2,464	3,227	24
Gallia	2,504	3,576	62	2,969	4,427	..
Geauga	620	2,226	320	1,260	2,897	32
Greene	2,084	4,412	557	3,003	5,296	109
Guernsey	2,793	3,578	414	3,258	4,337	125
Hamilton	36,805	35,740	12,503	38,165	57,749	155
Hancock	4,343	4,669	1,152	5,546	5,591	67
Hardin	4,012	3,914	427	4,247	4,276	32
Harrison	2,008	2,800	49	2,245	3,151	46
Henry	3,478	2,005	457	4,323	2,558	17
Highland	4,003	3,779	78	3,909	4,106	98
Hocking	2,595	2,439	105	3,177	2,746	14
Holmes	2,818	1,123	141	3,622	1,284	19
Huron	2,848	4,224	830	4,185	5,008	52
Jackson	3,182	4,068	390	3,786	4,493	52
Jefferson	2,853	5,368	143	3,824	6,185	131
Knox	3,564	3,727	175	4,062	3,762	31
Lake	924	3,221	528	1,682	3,745	38
Lawrence	2,430	4,439	109	3,050	5,108	20
Licking	6,125	5,203	153	6,611	5,560	69
Logan	2,575	3,876	448	3,125	4,722	50
Lorain	2,120	6,111	2,345	4,367	7,801	93
Lucas	7,409	9,314	10,759	13,759	16,758	91
Madison	2,683	3,020	47	2,751	3,308	35
Mahoning	4,726	6,180	1,412	6,772	8,529	86
Marion	3,612	3,274	299	4,016	3,426	28
Medina	1,885	3,013	438	2,575	3,533	28
Meigs	2,115	3,697	111	2,536	4,696	39
Mercer	3,987	1,644	198	4,790	1,991	23
Miami	4,343	5,435	564	5,387	6,051	25
Monroe	3,710	1,571	9	4,180	2,001	25
Montgomery	12,730	14,481	3,093	15,540	18,333	112
Morgan	2,151	2,554	10	2,375	2,531	26
Morrow	2,082	2,409	132	2,517	2,506	36
Muskingum	6,638	6,489	272	6,871	7,245	116
Noble	2,075	2,540	38	2,318	2,559	32
Ottawa	2,176	1,593	1,095	3,260	2,179	13
Paulding	3,180	3,357	137	3,650	3,580	15
Perry	3,502	3,513	371	4,112	3,989	36
Pickaway	3,931	2,999	22	4,165	3,370	53
Pike	1,986	2,348	28	2,145	2,228	11
Portage	2,629	3,540	663	3,992	4,073	45
Preble	2,966	3,087	85	3,254	3,300	40
Putnam	4,651	2,463	224	5,303	2,728	31
Richland	5,509	4,714	485	6,346	5,115	31
Ross	4,787	5,057	112	4,967	5,562	49
Sandusky	4,117	3,144	801	5,105	3,970	50
Scioto	3,438	4,685	527	3,658	5,492	39
Seneca	4,890	3,392	729	6,347	4,988	80
Shelby	3,595	2,121	215	3,941	2,488	27
Stark	9,099	10,757	1,296	11,339	12,110	129
Summit	4,107	6,851	3,808	8,020	8,584	78
Trumbull	2,434	6,317	492	3,829	7,867	108

OHIO—*Continued.*

Counties.	Governor, 1899.			President, 1896.		
	Mc-Lean, Dem.	Nash, Rep.	Jones, Non-Part.	Bryan, Dem. & Pop.	Mc-Kinley Rep.	Levering, Pro.
Tuscarawas	5,289	5,300	1,056	6,898	6,225	38
Union	2,390	3,296	100	2,736	3,476	19
Van Wert	3,592	3,739	334	3,984	3,957	24
Vinton	1,607	2,055	23	1,828	2,035	16
Warren	2,291	3,600	353	2,794	4,379	32
Washington	4,487	5,253	235	5,182	5,949	54
Wayne	4,909	3,890	328	5,588	4,369	155
Williams	2,866	3,162	307	3,530	3,191	28
Wood	4,004	5,180	2,178	6,653	7,290	81
Wyandot	3,017	2,137	149	3,441	2,374	20
Total	368176	417199	106721	477494	525991	5,068
Plurality	..	49,023	..	..	48,497	..
Per cent	40.00	45.30	11.59	47.32	52.11	5.01
Scattering		28,776			5,740	
Whole vote		920,872			1,009,225	

Of the scattering vote for Governor in 1899 Ellis, Union Ref., received 7,799; Hammell, Pro., 5,825; Bandlow, Soc. L., 2,439.

The vote for Governor in 1897 was: Chapman, Dem., 401,750; Bushnell, Rep., 429,915; Coxey, Pop., 6,254; Holliday, Pro., 7,558; Watkins, Soc. L., 4,242; Richardson, Lib., 3,106; Dexter, Nat. Dem., 1,661; Lewis, Negro Protective, 483. Bushnell's plurality, 28,165.

The scattering vote for President in 1896 was: Bentley, Nat. Pro., 2,716; Palmer, N. D., 1,857; Matchett, Soc. L., 1,167.

Bryan received 474,882 votes on the Democratic electoral ticket and 2,612 on the Populist electoral ticket.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. County of Hamilton (part). J. F. Follett, Dem., 13,980; W. B. Shattuc, Rep., 20,132; W. T. Cressler, Union Ref., 295. Shattuc's plurality, 6,152.

II. County of Hamilton (part). C. L. Swain, Dem., 15,998; J. H. Bromwell, Rep., 22,506; J. D. Stuckey, Union Ref., 276. Bromwell's plurality, 6,508.

III. Counties of Butler, Montgomery, and Preble. John L. Brenner, Dem., 21,449; W. J. White, Rep., 21,327. Brenner's majority, 122.

IV. Counties of Allen, Auglaize, Darke, Mercer, and Shelby. R. B. Gordon, Dem., 18,020; Philip Sheets, Rep., 12,276; W. H. Murphy, Union Ref., 962. Gordon's plurality, 5,744.

V. Counties of Defiance, Henry, Paulding, Putnam, Van Wert, and Williams. David Meekison, Dem., 19,264; A. N. Wilcox, Rep., 15,612; F. D. Dunakin, Union Ref., 710. Meekison's plurality, 3,652.

VI. Counties of Brown, Clermont, Clinton, Greene, Highland, and Warren. L. H. Whiteman, Dem., 16,206; S. W. Brown, Rep., 19,896; P. McLaughlin, Union Ref., 761. Brown's plurality, 3,690.

VII. Counties of Clark, Fayette, Madison, Miami, and Pickaway. J. L. Zimmerman, Dem., 17,159; W. L. Weaver, Rep., 17,565; R. Rathbun, Union Ref., 745. Weaver's plurality, 406.

VIII. Counties of Champaign, Delaware, Hancock, Hardin, Logan, and Union. H. W. Doty, Dem., 19,156; A. Lybrand, Rep., 21,560; S. Garwood, Union Ref., 1,099. Lybrand's plurality, 2,404.

OHIO—*Continued.*

IX. Counties of Fulton, Lucas, Ottawa, and Wood. S. E. Niece, Dem., 18,081; James H. Southard, Rep., 21,913; D. Miley, Union Ref., 16. Southard's plurality, 3,832.

X. Counties of Adams, Gallia, Jackson, Lawrence, Pike, and Scioto. A. Crabtree, Dem., 13,769; Stephen Morgan, Rep., 19,297. Morgan's majority, 5,528.

XI. Counties of Athens, Hocking, Meigs, Perry, Ross, and Vinton. C. E. Peoples, Dem., 16,434; Charles H. Grosvenor, Rep., 19,800; G. W. Dollison, Union Ref., 17. Grosvenor's plurality, 3,372.

XII. Counties of Fairfield and Franklin. John J. Lentz, Dem., 21,232; E. N. Huggins, Rep., 20,530; W. W. Johnson, Pro., 293; A. M. Smith, Union Ref., 223. Lentz's plurality, 702.

XIII. Counties of Crawford, Erie, Marion, Sandusky, Seneca, and Wyandot. James A. Norton, Dem., 21,410; H. L. Wenner, Rep., 17,606; O. J. Fry, Union Ref., 484; W. S. Payne, Pro., 43. Norton's plurality, 3,804.

XIV. Counties of Ashland, Huron, Knox, Lorain, Morrow, and Richland. T. A. Gruber, Dem., 19,134; W. S. Kerr, Rep., 22,464. Kerr's majority, 3,330.

XV. Counties of Guernsey, Morgan, Muskingum, Noble, and Washington. H. R. Stanbery, Dem., 16,509; H. C. Van Voorhis, Rep., 19,404. Van Voorhis' majority, 2,895.

XVI. Counties of Belmont, Carroll, Harrison, Jefferson, and Monroe. E. D. Moore, Dem., 13,377; Lorenzo Danford, Rep., 16,263. Danford's majority, 2,886.

XVII. Counties of Coshocton, Holmes, Licking, Tuscarawas, and Wayne. John A. McDowell, Dem., 19,989; G. E. Broome, Rep., 16,016. McDowell's majority, 3,973.

XVIII. Counties of Columbiana, Mahoning, and Stark. C. C. Weybrecht, Dem., 19,575; R. W. Tayler, Rep., 22,635; S. Borton, Soc. L., 686; G. C. Harvey, Pro., 614; L. B. Logan, Union Ref., 212. Tayler's plurality, 3,060.

XIX. Counties of Ashtabula, Geauga, Portage, Summit, and Trumbull. Short term—R. E. Nevin, Dem., 12,574; Charles Dick, Rep., 23,359. Dick's majority, 10,785. Long term—I. H. Phelps, Dem., 12,612; Charles Dick, Rep., 23,358. Dick's majority, 10,746.

XX. Counties of Lake, Medina, and Cuyahoga (part). W. J. Hart, Dem., 11,992; F. O. Phillips, Rep., 16,894; R. Barthels, Soc. L., 975; M. O. Morton, Union Ref., 17. Phillips' plurality, 4,902.

XXI. County of Cuyahoga (part). L. A. Russell, Dem., 10,823; T. E. Burton, Rep., 17,599; J. J. Koller, Soc. L., 1,324. Burton's plurality, 6,776.

OHIO—*Continued.*

PRESENT STATE GOVERNMENT.

Governor, George K. Nash; Lieutenant-Governor, John A. Caldwell; Secretary of State, Charles Kinney; Treasurer, Isaac B. Cameron; Auditor, W. D. Guilbert; Commissioner of Common Schools, Lewis D. Bonebrake; Attorney-General, John M. Sheets; Adjutant-General, H. A. Kingsley; Secretary State Board of Agriculture, W. W. Miller; Commissioner of Insurance, W. S. Matthews—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John A. Shauck; Associate Justices, T. A. Minshall, William Z. Davis, Marshall J. Williams, Jacob F. Burket, and William T. Spear; Clerk, Josiah B. Allen—all Republicans.

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Republicans	19	62	81
Ind. Republicans	1	3	4
Democrats	9	45	54
Republican majority	9	14	23

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. Pres	241,484	281,852	....	2,100	40,368 R
1876. Pres	323,182	330,698	....	1,636	7,516 R
1877. Gov	271,625	249,105	....	4,836	22,520 D
1879. Gov	319,132	336,261	9,072	4,145	17,129 R
1880. Pres	340,821	375,048	6,456	2,616	34,227 R
1881. Gov	288,426	312,735	6,330	16,597	24,309 R
1882. Sec. of S.	316,874	297,759	5,345	12,202	19,115 D
1883. Gov	359,693	347,164	2,949	8,362	12,529 D
1884. Pres	368,286	400,082	5,170	11,269	31,802 R
1885. Gov.	341,830	359,281	2,001	28,081	17,451 R
1886. Sec. of S.	329,314	341,095	2,010	28,362	11,781 R
			Lab.		
1887. Gov	333,205	356,534	24,711	29,700	23,329 R
1888. Pres	396,455	416,054	3,496	24,356	19,599 R
1889. Gov	379,423	368,551	1,048	26,504	10,872 D
1890. Sec. of S.	352,579	363,548	1,752	23,837	10,970 R
			Pop.		
1891. Gov	365,228	386,739	23,472	20,228	21,511 R
1892. Pres	404,115	405,187	14,850	26,012	1,072 R
1893. Gov	352,347	433,342	15,563	22,406	80,995 R
1894. Sec. of S.	276,902	413,989	49,495	23,237	137,087 R
1895. Gov	334,519	427,141	52,675	21,264	92,622 R
			N. D.		
1896. Sec. of S.	473,471	525,020	....	5,469	51,549 R
1896. Pres	477,494	525,991	1,857	5,068	48 497 R
1897. Gov	401,750	429,915	1,661	7,558	28,165 R
1898. Sec. of S.	347,074	408,213	....	7,689	61,139 R
			U. P.		
1899. Gov	368,176	417,199	7,799	5,825	49,023 R

OKLAHOMA.

The vote for Delegate to Congress in 1898 was as follows: Keaton, Fus., 19,088; Dennis T. Flynn, Rep., 28,456; Hankins, Pop., 1,269. Flynn's plurality, 9,368.

TERRITORIAL LEGISLATURE, 1900.

The Council stands: Democrats, 2; Fusion, 3; Republicans, 8. The House stands: Democrats, 3; Fusion, 3; Republicans, 17; Populists, 3.

TERRITORIAL GOVERNMENT.

Governor, Cassius M. Barnes; Secretary, William M. Jenkins; Treasurer, F. M. Thompson; Attorney-General, H. S. Cunningham; Superintendent of Education and Auditor, S. N. Hopkins—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, J. H. Burford; Associate Justices, C. E. Irwin, B. F. Burwell, B. T. Hainer, and John L. McAtee; Clerk of the Court, B. F. Hegler—all Republicans but McAtee, who is a Gold Democrat.

OREGON.

Counties. (32.)	Governor, 1898. King, Fus.	Geer, Rep.	Luce, Pop.	President, 1896. Bryan, D.P. & F.S.R.	Mc-Kinley Rep.	Palmer, N. D.
Baker	1,436	1,191	115	1,849	915	35
Benton	872	995	21	991	1,074	23
Clakamas	1,772	2,161	141	2,385	2,664	46
Clatsop	809	1,588	86	1,124	1,894	29
Columbia	534	724	64	829	1,022	15
Coos	1,013	957	139	1,552	1,105	26
Crook	492	667	25	576	607	39
Curry	252	301	6	298	300	7
Douglas	1,789	1,653	30	2,049	1,917	21
Gilliam	342	554	44	469	551	3
Grant	678	973	112	859	736	37
Harney	416	347	54	519	270	5
Jackson	1,277	1,350	389	2,362	1,387	24
Josephine	894	825	55	1,189	844	41
Klamath	342	439	41	463	346	8
Lake	323	433	10	383	351	2
Lane	1,885	1,929	138	2,598	2,251	75
Lincoln	414	479	14	553	583	13
Linn	2,026	1,902	145	2,731	2,064	36
Malheur	555	387	27	652	312	15
Marion	2,713	3,216	70	3,420	3,744	108
Morrow	470	532	27	543	586	15
Multnomah	4,637	10,351	266	6,446	11,824	178
Polk	1,170	1,267	60	1,333	1,253	22
Sherman	285	478	41	418	426	7
Tillamook	323	635	46	537	691	8
Umatilla	1,466	1,847	112	2,081	1,859	36
Union	1,453	1,625	245	2 154	1,303	19
Wallowa	354	538	170	640	380	11
Wasco	933	1,360	41	1,363	1,701	28
Washington	1,219	1,743	89	1,566	2,082	18
Yamhill	1,398	1,646	55	1,730	1,782	27
Total	34,542	45 093	2,878	46,662	48,779	977
Plurality	..	10 551	..	...	2,117	..
Per cent	40.76	53.24	3.38	49.94	50.01	1.00
Scattering	2,219			919		
Whole vote.	85,732			97,337		

The scattering vote for Governor in 1898 was for Clinton, Pro. The scattering vote of 1896 was for Levering, Prc.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

I. R. M. Veatch, Fus., 19,287; Thomas H. Tongue, Rep., 21,324; J. L. Hill, Pop., 1,833; L. H. Pederson, Pro., 1,113. Tongue's plurality, 2,037.

II. C. M. Donaldson, Fus., 14,634; M. A. Moody, Rep., 21,291; H. E. Courtney, Pop., 2,273; G. W. Ingalls, Pro., 1,120. Moody's plurality, 6,657.

PRESENT STATE GOVERNMENT.

Governor, T. T. Geer; Secretary of State and Auditor, F. I. Dunbar; State Treasurer, C. S. Moore; Superintendent of Public Instruction, J. H. Ackerman; Adjutant-General, C. U. Gantenbein; Attorney-General, D. R. N. Blackburn—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Charles E. Wolverton; Justices, Robert S. Bean and Frank A. Moore; Clerk, J. J. Murphy—all Republicans.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	24	42	66
Populists & Free Silver	3	16	19
Democrats	3	1	4
Republican majority.	18	25	43

VOTE OF THE STATE SINCE 1872.

	Dem	*Rep.*	*Lab.*	*Pro.*		*Plu.*
1872. Pres.	7,753	11,818	....	....	....	4,065 R
1876. Pres.	14,158	15,208	....	....	....	1,050 R
1880. Pres.	19,948	20,619	249	....	....	671 R
1884. Pres.	24,604	26,860	726	492	....	2,256 R
1888. Pres.	26,522	33,291	363	1,677	....	6,769 R
			Pop.		*Fusion.*	
1892. Pres.	14,243	35,002	26,965	2,281	35,813	811 F
1894. Gov.	17,865	41,139	26,723	1,982	....	15,001 R
1896. Pres.	....	48,779	....	....	46,662	2,117 R
1898. Gov.	....	45,093	2,378	2,219	34,542	10,551 R

PENNSYLVANIA.

Counties. (67.)	Treasurer, 1899. Creasy Dem.	Barnett, Rep.	Caldwell, Pro.	President, 1896. Bryan Dem. & Pop	Mc-Kinley Rep.	Palmer, N. D.
Adams	3,856	3,199	79	3,814	4,170	98
Allegheny	13,511	30.004	687	29,809	76,691	452
Armstrong	4,069	5,621	75	3,825	6.325	22
Beaver	3,104	4,365	190	4,322	6,842	37
Bedford	3,167	3,777	77	3,605	4,983	47
Berks	10,448	5.661	125	18,099	14,318	416
Blair	3,388	5,040	275	4,840	10,382	167
Bradford	3,292	5,815	356	4 388	9 422	58
Bucks	7,148	6,811	203	6 685	9,798	312
Butler	3,654	4,785	233	5 127	6 821	26
Cambria	6,213	6,846	276	6,843	8.865	81
Cameron	414	593	38	575	925	9
Carbon	3,428	2,912	138	3 609	4 534	130
Centre	4,260	3,814	163	4,546	4 880	93
Chester	5,490	8,021	417	6 058	14,232	246
Clarion	2,519	1,756	125	4,097	3 338	20
Clearfield	4,826	4,842	484	6 460	7.395	91
Clinton	2,597	2,332	122	3 053	3 486	104
Columbia	3,989	1,824	269	4 904	3 280	77
Crawford	5,607	6,578	393	8 383	7,851	50
Cumberland	5,473	4,581	278	5 202	6,178	102
Dauphin	5,356	8,504	664	6 584	14,752	263
Delaware	3.209	6,650	258	4,169	13,979	184
Elk	2,272	1,139	152	2,717	2 807	44
Erie	4,550	7,180	375	9 210	11,819	193
Fayette	7,501	7,829	220	8,549	9 268	60
Forest	582	852	69	805	1,224	6
Franklin	3,926	4,820	155	4 425	6,747	139
Fulton	1,037	717	23	1 246	1,083	8
Greene	3,060	1.706	37	4,198	2.453	20
Huntingdon	1,834	2,615	174	2 305	4,969	97
Indiana	1,200	3,617	213	2,752	5 818	27
Jefferson	2,368	3,765	340	3 671	5,500	35
Juniata	1,526	1,473	65	1,819	2,059	35
Lackawanna	8,234	8,576	568	11,873	18,737	112
Lancaster	4,854	13.128	254	8 145	24,337	498
Lawrence	1,624	3,187	349	3 013	6,228	13
Lebanon	2,163	3 739	140	2 815	7.288	..
Lehigh	7.710	5,902	144	9 369	9 507	325
Luzerne	14,406	13,453	765	17,305	22,718	304
Lycoming	6,169	4,852	712	7 340	8,097	167
McKean	1,835	3,414	396	3.074	5,077	55
Mercer	3,852	5,170	302	5 500	7.262	31
Mifflin	1,907	1,813	73	2 052	2,662	76
Monroe	2,594	826	94	2 887	1.447	79
Montgomery	9.823	9,058	282	9 985	17,329	606
Montour	1,217	655	30	1.747	1 384	56
Northampton	8,638	6,011	310	10,032	9,762	360
N'thumberl'd	6,781	5,624	461	7,367	8,059	120
Perry	2,340	2,487	74	2 477	3,537	54
Philadelphia	40,371	110035	1,592	63,323	176462	3,115
Pike	778	345	22	1,123	778	25
Potter	1,830	2,172	244	2 446	3,281	28
Schuylkill	14,198	11,936	235	14,745	17,045	359
Snyder	1,088	1,994	37	1.351	2 572	23
Somerset	1,430	3,508	128	2,295	5,861	14
Sullivan	1,159	1,000	76	1,300	1 215	29
Susquehanna	3,206	4,053	427	3 618	5,310	36
Tioga	1,768	4,085	223	2,828	7,922	72
Union	1,001	1,515	79	1 186	2 585	54
Venango	3,100	3,913	593	4 599	5.133	32
Warren	1,876	3,052	350	3,048	4 846	32
Washington	4,928	6,770	268	7,384	10.798	83
Wayne	2,707	2,399	233	2 473	3.706	21
Westmorel'd	11.719	13,356	380	11,029	14.928	90
Wyoming	1,917	1,918	120	1,951	2 373	17
York	11,346	8,010	360	13,054	12,283	365
Total	327512	438000	18,072	433228	728300	11,000
Plurality	..	110488	..	..	295072	..
Per cent	41.43	55.41	2.28	36.20	60.90	0.90
Scattering		6,904			21,827	
Whole vote.		790,488			1,194,355	

Of the scattering vote for Treasurer in 1899 Watkins, Pop., received 1,988; Clark, Soc. L., 375; Wood, Un. Ref., 506; Creasy, Anti-Trust, 657.

The scattering vote in 1896 was: Levering, Pro., 19,274; Matchett, Soc. L., 1,683; Bentley, Nat. Pro., 870. Bryan's Populist vote was 6,103.

PENNSYLVANIA—*Continued.*

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. County of Philadelphia (part). M. F. Doyle Dem., 8,213; H. H. Bingham, Rep., 25,665; J. H. Holtz, Pro., 1,091; J. E. Lennon, League Is. Devel., 653.

II. County of Philadelphia (part). H. V. Hetzel, Dem., 3,850; R. Adams, Jr., Rep., 19,547.

III. County of Philadelphia (part). W. McAleer, Dem., 5,216; Rep. (for same candidate as Dem.), 13,105; E. M. Marsh, Pro., 340.

IV. County of Philadelphia (part). G. Sibley, Dem., 12,250; J. R. Young, Rep., 41,627; C. C. Hancock, Pro., 3,372.

V. County of Philadelphia (part). F. D. Wright, Dem., 9,942; A. C. Harmer, Rep., 39,239.

VI. Counties of Chester and Delaware. W. H. Berry, Dem., 6,511; T. S. Butler, Rep., 15,169; J. B. Robinson, Citizens, 6,481; scattering, 58.

VII. Counties of Bucks and Montgomery. C. Rorer, Dem., 17,872; I. P. Wanger, Rep., 21,567; H. Leopold, Pro., 1,195.

VIII. Counties of Northampton, Monroe, Pike, and Carbon. L. H. Barker, Dem., 16,400; W. Kirkpatrick, Rep., 13,516.

IX. Counties of Berks and Lehigh. D. Ermentrout, Dem., 24,137; J. S. Parvin, Rep., 16,613; W. W. Bowman, Pro., 934; I. P. Merkel, Soc. L., 453.

X. County of Lancaster. A. J. Steinman, Dem., 7,083; M. Brosius, Rep., 17,482; W. L. Jackson, Pro., 1,202.

XI. County of Lackawanna. M. F. Sando, Dem., 9,861; W. Connell, Rep., 11,404; F. Leach, Pro., 2,952; J. Burschel, Soc. L., 329; F. Leach, Honest Govt., 212.

XII. County of Luzerne. S. W. Davenport, Dem., 17,220; M. B. Williams, Rep., 15,772; J. B. Hunter, Pro., 1,498.

XIII. County of Schuylkill. J. W. Ryan, Dem., 15,042; C. N. Brumm, Rep., 15,542; P. Walker, Soc. L., 176.

XIV. Counties of Dauphin, Lebanon, and Perry. W. W. Gray, Dem., 9,926; M. E. Olmsted, Rep., 19,352; L. L. Grumbine, Pro., 2,564.

XV. Counties of Bradford, Susquehanna, Wayne, and Wyoming. A. B. Gammell, Dem., 9,331; C. F. Wright, Rep., 14,541; C. S. Russell, Pro., 2,416.

XVI. Counties of Tioga, Potter, Lycoming, and Clinton. J. F. Strieby, Dem., 12,858; H. B. Packer, Rep., 15,839; L. P. Thurston, Pro., 3,378.

XVII. Counties of Northumberland, Columbia, Montour, and Sullivan. R. K. Polk, Dem., 14,792; W. H. Woodin, Rep., 12,487; J. M. Caldwell, Pro., 1,265.

XVIII. Counties of Franklin, Fulton, Huntingdon, Juniata, Snyder, Union, and Mifflin. R. McMeen, Dem., 12,921; T. M. Mahon, Rep., 17,722.

XIX. Counties of Adams, Cumberland, and York. E. D. Ziegler, Dem., 20,126; R. J. Lewis, Rep., 19,016.

XX. Counties of Cambria, Blair, Somerset, and Bedford. J. M. Walters, Dem., 17,858; J. E. Thropp, Rep., 19,358; J. J. Irwin, Pro., 2,091; J. McMahon, Soc. L., 244.

XXI. Counties of Westmoreland, Armstrong, Indiana, and Jefferson. J. R. Spiegel, Dem., 16,191; S. M. Jack, Rep., 23,277; T. J. Baldridge, Pro., 2,360.

XXII. County of Allegheny (part). G. W. Acklin, Dem., 11,049; J. Dalzell, Rep., 25,693; H. L. Castle, Pro., 1,219; V. Remmel, Soc. L., 527; T. H. Grundy, Union, 121.

XXIII. County of Allegheny (part). J. H. Stevenson, Dem., 5,608; W. H. Graham, Rep., 14,008; F. C. Brittian, Rep., 691; E. Schwartz, Soc. L., 223; W. A. Klinger, Union, 35.

PENNSYLVANIA—*Continued.*

XXIV. Counties of Fayette, Greene, Washington, and Allegheny (part). M. C. Cochran, Dem., 21,290; E. F. Acheson, Rep., 25,524.

XXV. Counties of Beaver, Lawrence, Mercer, and Butler. M. L. Lockwood, Dem., 15,271; J. B. Showalter, Rep., 18,220; J. A. Bailey, Pro., 2,006.

XXVI. Counties of Crawford and Erie. A. Gaston, Dem., 13,516; G. H. Higgins, Rep., 13,482; F. A. Loveland, Pro., 1,291.

XXVII. Counties of Venango, Warren, McKean, and Cameron. J. C. Sibley, Dem., 14,138; C. W. Stone, Rep., 11,757; W. W. Hague, Pro., 1,223.

XXVIII. Counties of Clarion, Forest, Elk, Clearfield, and Centre. J. K. P. Hall, Dem., 17,550; W. C. Arnold, Rep., 14,209; G. W. Rheem, Pro., 1,898.

At Large (two Representatives voted for).—F. P. Iams, Dem., 350,213; J. N. Weiler, Dem., 356,650; Galusha A. Grow, Rep., 532,488; S. A. Davenport, Rep., 520,730; Gruber, Pro., 48,600; Sharpless, Pro., 47,543, Johnston, Pop., 3,995; Weiler, Pop., 847; Root, Soc. L., 4,495; Munro, Soc. L., 4,300; Guss, Lib., 839; Shaw, Lib., 837. Grow's plurality, 176,198; Davenport's plurality, 164,123.

PRESENT STATE GOVERNMENT.

Governor, William A. Stone; Lieutenant-Governor, J. P. S. Gobin; Secretary of the Commonwealth, William W. Griest; Treasurer, Jas. S. Beacom; Auditor-General, L. G. McCauley; Adjutant-General, Thomas J. Stewart; Attorney-General, John P. Elkin; Superintendent of Public Instruction, N. C. Schaeffer; Insurance Commissioner, Israel W. Durham; Commissioner of Banking, Thomas J. Powers—all Republicans except Schaeffer, Dem.

JUDICIARY.

Supreme Court: Chief Justice, Henry Green; Associate Justices, J. Hay Brown, James T. Mitchell, J. B. McCollum, John Dean, D. Newlin Fell, and S. L. Mestrezat; Prothonotaries, Eastern District, Charles S. Greene; Middle District, William Pearson; Western District, George Pearson—all Republicans except Justices McCollum and Mestrezat, who are Democrats.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	37	127	164
Democrats	13	71	84
Fusion	0	6	6
Republican majority	24	50	74

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. Pres.	212,041	349,589	....	1,630	137,548 R
1876. Pres.	366,204	384,148	7,204	1,318	17,944 R
1880. Pres.	407,428	444,704	20,668	1,939	37,276 R
1884. Pres.	392,785	473,804	16,992	15,283	81,019 R
1888. Pres.	446,635	526,091	*Lab.* 3,873	20,947	79,452 R
1890. Gov.	464,209	447,655	....	16,108	16,554 D
1891. Treas.	358,617	419,994	....	18,429	54,377 R
1892. Pres.	452,264	516,011	*S. L.* 898; *Pop.* 8,714	25,123	63,747 R
1893. Treas.	307,102	442,248	6,979	21,358	135,146 R
1894. Gov.	333,404	574,801	19,484	23,443	241,397 R
1895. Treas.	282,481	456,745	7,802	20,779	174,264 R
1896. Pres.	433,228	728,300	*N. D.* 11,000	19,274	295,072 R
1897. Au.-G.	268,341	412,652	....	58,876	144,311 R
1898. Gov.	358,300	476,306	....	125,746	118,006 R
1899. Treas.	327,512	438,000	....	18,072	110,488 R

RHODE ISLAND.

Counties. (5.)	Governor, 1899.		President, 1896.			
	Greene Dem.	Dyer, Rep.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Bristol	597	949	424	1,321	35	42
Kent	808	1,812	645	2,817	84	75
Newport	1,721	2,762	1,092	3,415	144	92
Providence	10,818	16,789	11,644	26,844	794	554
Washington	658	1,996	645	3,040	109	397
Total	14,602	24,308	14,459	37,437	1,166	1,160
Plurality	..	9,706	..	22,978	..	..
Per cent	33.86	56.34	26.38	68.34	2.14	2.13
Scattering	4,220		563			
Whole vote	43,130		54,785			

The scattering vote for Governor in 1899 was: Herrick, Soc. L., 2,941; Peckham, Pro., 1,279.

The scattering vote for President in 1896 was: Matchett, Soc. L., 558; Bentley, Nat. Pro., 5.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. John W. Hogan, Dem., 6,714; Melville Bull, Rep., 12,268; Charles T. Tilley, Pro. 482; E. W. Theinert, Soc. L., 1,117. Bull's plurality, 5,554.

II. Lucius F. C. Garvin, Dem., 6,492; Adin B. Capron, Rep., 9,041; Frank B. Smith, Pro., 517; Charles H. Dana, Soc. L., 1,534. Capron's plurality, 2,549.

PRESENT STATE GOVERNMENT.

Governor, Elisha Dyer; Lieutenant-Governor, William Gregory; Secretary of State, Charles P. Bennett; Attorney-General, W. B. Tanner; General Treasurer, Walter A. Read; Adjutant-General, F. M. Sackett; Auditor, Charles C. Grey; Superintendent of Education, T. B. Stockwell—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Charles Matteson; Associate Justices, John H. Stiness, Pardon E. Tillinghast, George A. Wilbur, Horatio Rogers, W. W. Douglas, and Edward C. Dubois; Clerk of the Court, B. S. Blaisdell—all Republicans.

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Republicans	31	58	89
Democrats	6	13	19
Prohibitionist	—	1	1
Republican majority.	25	44	69

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. President	5,329	13,665	....	....	*8,336 R
1876. President	10,712	15,787	....	....	*5,075 R
1880. President	10,779	18,195	236	....	7,416 R
1884. President	12,391	19,030	422	928	6,639 R
1888. President	17,530	21,968	....	1,250	4,438 R
			Nat.		
1891. Governor	22,249	20,995	384	1,829	1,254 D
1892. Governor	25,429	27,466	186	1,580	2,037 R
			Pop.		
1892. President	24,335	26,972	227	1,654	2,637 R
1893. Governor	22,015	21,830	....	3,265	185 D
1894. Governor	22,650	28,957	223	2,241	6,307 R
1895. Governor	14,289	25,098	369	2,624	10,809 R
			N. D.		
1896. Governor	17,061	28,472	....	2,950	11,411 R
1896. President	14,459	37,437	1,166	1,160	22,978 R
1897. Governor	13,675	24,309	....	2,096	10,634 R
1898. Governor	13,224	24,743	....	2,012	11,519 R
			Soc. L.		
1899. Governor	14,602	24,308	2,941	1,279	9,706 R

*Majority.

SOUTH CAROLINA.

Counties. (41.)	Governor, 1898.	President, 1896.		
	Ellerbe, Dem. (Only Candidate.)	Bryan, Dem.	McKinley Rep.	Palmer, N. D.
Abbeville	829	2,473	337	1
Aiken	700	1,819	137	11
Anderson	899	3,109	368	17
Bamberg	449	..	..	..
Barnwell	803	2,385	239	3
Beaufort	426	289	444	..
Berkeley	486	513	143	9
Charleston	1,142	1,559	1,262	549
Chester	578	1,254	76	10
Chesterfield	810	1,465	220	..
Clarendon	705	1,450	207	..
Colleton	590	1,646	343	6
Cherokee	505	..	..	..
Darlington	544	1,625	201	21
Dorchester	444	..	..	..
Edgefield	627	1,592	216	7
Fairfield	379	1,078	54	..
Florence	592	1,590	136	35
Georgetown	456	489	734	36
Greenville	677	2,718	288	35
Greenwood	774	..	..	..
Hampton	578	1,072	25	..
Horry	807	1,372	196	..
Kershaw	403	1,191	139	2
Lancaster	941	1,567	177	..
Laurens	919	1,943	111	..
Lee	338	..	..	..
Lexington	718	1,672	197	..
Marion	1,114	1,936	313	11
Marlborough	564	1,232	237	3
Newberry	700	1,528	64	9
Oconee	528	1,392	199	..
Orangeburg	1,389	2,720	282	..
Pickens	374	1,261	170	..
Richland	332	925	468	29
Spartanburg	1,475	4,234	247	..
Sumter	407	1,550	326	24
Saluda	628	1,241	60	..
Union	590	1,379	158	2
Williamsburg	900	1,570	355	4
York	984	2,010	152	4
Total	28,159	58,798	9,281	828
Plurality	....	49,517	..	..
Per cent	....	85.33	13.47	1.20
Whole vote	....	68,907		

There were two McKinley electoral tickets. The Regular Republican ticket received 5,058 and the "Reorganized Republican" ticket 4,223.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Berkeley (part), Charleston, Colleton (part), Beaufort, Georgetown, and Williamsburg. William Elliott, Dem., 3,030; George W. Murray, Rep., 1,529.

II. Counties of Aiken, Barnwell, Saluda, Edgefield, and Hampton. W. J. Talbert, Dem., 4,016; R. P. Chatfield, Rep., 122.

III. Counties of Abbeville, Anderson, Newberry, Oconee, and Pickens. A. C. Latimer, Dem., 4,029; R. R. Tolbert, Rep., 332.

IV. Counties of Fairfield, Greenville, Laurens, Richland, Spartanburg (part), and Union (part). Stanyarne Wilson, Dem., 4,467; P. S. Suber, Rep., 165.

V. Counties of Chester, Chesterfield, Kershaw, Lancaster, Spartanburg (part), Union (part), and York. D. E. Findley, Dem., 4,230.

VI. Counties of Clarendon, Darlington, Florence, Horry, Marion, Marlborough, and Williamsburg (part). James Norton, Dem., 4,765; J. H. Evans, Rep., 151.

VII. Counties of Berkeley (part), Colleton (part), Lexington, Orangeburg, Richland, and Sumter. J. W. Stokes, Dem., 4,433; James Weston, Rep., 505.

SOUTH CAROLINA—*Continued.*

PRESENT STATE GOVERNMENT.

Governor, M. B. McSweeny; Lieutenant-Governor, R. B. Scarborough; Secretary of State, M. R. Cooper; Treasurer, W. H. Timmerman; Comptroller, D. P. Derham; Attorney-General, G. D. Bilinger; Adjutant-General, J. W. Floyd; Superintendent of Education, J. J. McMahan—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Henry McIver; Justices, Eugene B. Gary, Ira B. Jones, and Y. J. Pope; Clerk, U. R. Brooks—all Democrats.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	41	123	164
Republicans	..	1	1
Democratic majority.	41	122	165

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*		*Maj.*
1872. President	22,683	72,290	....	49,607 R
1876. President	91,540	92,081	....	641 R
1880. President	112,312	58,071	....	54,241 D
1884. President	69,845	21,733	....	48,112 D
1886. Governor	33,111	.....	....	33,111 D
1888. President	65,825	13,736	....	52,089 D
	Ind. Dem.			
1890. Governor	59,159	14,828	....	44,331 D
		Rep.	*Pop.*	*Plu.*
1892 President	54,692	13,345	2,407	41,347 D
	Ind. Dem.			*Maj.*
1894. Governor	39,507	17,278	....	22,229 D
		Reorg. Rep.	*Reg. Rep.*	*Plu.*
1896. Governor	59,424	4,432	2,780	54,999 D
1896. President	58,798	4,223	5,058	49,517 D
1898. Governor	28,159.	No opposition.		

SOUTH DAKOTA.

Counties. (53.)	Governor, 1898.		President, 1896.		
	Lee, Fus.	Phillips, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Levering, Pro.
Aurora	500	358	479	387	12
Beadle	844	982	915	935	24
Bon Homme	773	922	893	1,163	7
Brookings	1,306	954	1,288	1,263	42
Brown	1,649	1,662	1,827	1,618	22
Brule	689	479	668	441	5
Buffalo	85	60	79	68	..
Butte	206	290	286	222	2
Campbell	310	564	369	449	3
Charles Mix	783	647	594	698	11
Clark	825	639	816	695	33
Clay	1,126	982	1,061	1,238	22
Coddington	808	813	759	1,041	23
Custer	361	370	515	429	3
Davison	708	623	733	616	16
Day	1,154	878	1,230	1,171	36
Deuel	707	500	668	698	52
Douglas	509	484	380	533	5
Edmunds	542	431	510	371	7
Fall River	347	420	555	532	4
Faulk	327	471	237	430	4
Grant	610	838	902	1,029	21
Gregory	116	189	..	..	..
Hamlin	521	568	559	702	12
Hand	564	488	567	451	7
Hanson	552	348	658	420	6
Hughes	307	437	327	462	3
Hutchinson	343	1,094	458	1,413	14
Hyde	111	209	121	223	2
Jerauld	336	287	336	274	6
Kingsbury	917	844	1,051	950	26
Lake	839	751	999	864	11
Lawrence	2,212	2,551	2,905	2,210	36
Lincoln	1,149	1,100	1,393	1,516	16
Lyman	105	125	78	114	1
Marshall	656	545	694	553	15
McCook	810	618	1,047	678	12
McPherson	236	776	361	512	6
Meade	630	473	802	550	3

SOUTH DAKOTA—*Continued.*

Counties.	Governor, 1898.		President, 1896.		
	Lee, Fus.	Phillips, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Levering, Pro.
Miner	714	412	705	582	5
Minnehaha	2,269	2,030	2,667	2,429	52
Moody	874	762	1,012	780	7
Pennington	760	764	1,038	739	7
Potter	409	296	390	333	5
Roberts	893	1,245	979	1,324	22
Sanborn	533	441	500	530	14
Spink	1,071	1,079	1,061	1,132	13
Stanley	129	76	140	89	2
Sully	228	241	198	262	3
Turner	725	1,226	950	1,616	14
Union	1,424	882	1,491	1,297	17
Walworth	329	367	286	250	5
Yankton	1,147	1,146	1,330	1,423	14
Unorganized Co	241	243	368	337	1
Total	37,319	36,949	41,225	41,042	683
Plurality	370	..	183	..	..
Per cent	50.25	49.75	49.69	49.46	0.85
Whole vote	74,276		82,950		

VOTE FOR JUSTICES SUPREME COURT, 1899.

Corson, Rep., 24,201; Haney, Rep., 24,064; Fuller, Rep., 23,690; Smith, Fus., 17,970; Kennedy, Fus., 18,035; Bennett, Fus., 18,601.

PRESENT STATE GOVERNMENT.

Governor, Andrew E. Lee, Fus.; Lieutenant-Governor, John T. Kean, Rep.; Secretary of State, W. H. Roddle, Rep.; Treasurer, John Schamber, Rep.; Auditor, James D. Reeves, Rep.; Attorney-General, John L. Pyle, Rep.; Superintendent of Education, E. E. Collins, Rep.

JUDICIARY.

Supreme Court: Chief Justice, Dighton Corson; Justices, Dick Haney and H. G. Fuller; Clerk, Miss Jessie Fuller—all Republicans.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	28	59	87
Fusionists	17	28	45
Republican majority.	11	31	42

VOTE OF THE TERRITORY AND STATE SINCE 1886.

		Dem.	*Rep.*	*F. A.*	*Maj.*	
1886.	Congress*	22,339	43,365	....	21,026	R
1888.	Congress*	25,044	44,906	....	19,862	R
1889.	Governor.	23,840	53,964	....	30,124	R
1890.	Governor.	18,484	34,487	24,591	†9,896	R
1891.	Congress	7,199	17,614	14,587	†3,027	R
				Pop.		
1892.	President	9,081	34,888	26,544	†8,344	R
		Dem.	*Rep.*	*Pop.*	*Pro.*	*Plu.*
1894.	Gov.	8,756	40,401	26,568	1,011	13,833 R
		Dem.	*Pop.*	*Rep.*		
1896.	President	41,225	41,042	683	183	F
1898.	Governor	37,319	36,949	....	370	F
1899.	Sup. Ct. Judge	17,970	24,201	....	6,231	R

* The vote of 1886 and 1888 was that of the counties of Dakota Territory which now compose the State of South Dakota. † Plurality.

TENNESSEE.

Counties. (96.)	Governor, 1898.		President, 1896.			
	McMillin, Dem.	Fowler, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Anderson	501	1,160	745	2,234	22	5
Bedford	1,757	985	2,596	2,151	70	50
Benton	1,003	447	1,465	769	1	12
Bledsoe	369	372	478	785	12	..
Blount	555	1,274	970	2,652	3	48
Bradley	669	1,033	1,057	1,725	5	45
Campbell	386	1,300	571	2,389	11	13
Cannon	835	469	1,276	778	10	..

TENNESSEE—*Continued.*

Counties.	Governor, 1898.		President, 1896.			
	Mc-Millin, Dem.	Fowler, Rep.	Bryan, Dem. & Pop.	Mc-Kinley Rep.	Palmer, N. D.	Levering, Pro.
Carroll	1,412	1,578	2,293	2,577	6	61
Carter	382	1,810	445	2 700	29	35
Cheatham	994	254	1,229	496	30	9
Chester	657	360	1,078	607	2	14
Claiborne	1,108	871	1,152	2,230	8	8
Clay	637	341	836	548	1	22
Cocke	755	1,262	980	2,582	5	...
Coffee	1,006	288	1,891	639	29	52
Crockett	950	413	1,665	1,166	...	34
Cumberland	375	457	418	800	6	1
Davidson	4,202	863	7,511	5,720	269	159
Decatur	672	412	997	890	...	2
De Kalb	1,421	1,256	1,626	1,633	5	28
Dickson	1,131	474	1,976	841	14	36
Dyer	1,131	266	2,589	868	15	44
Fayette	2,312	29	2,373	1,316	22	9
Fentress	303	645	301	798	9	...
Franklin	1,512	430	2,584	834	34	50
Gibson	2,048	607	3,303	1,955	7	216
Giles	2,099	736	3,992	2,372	21	21
Grainger	656	999	1,002	1,863	...	5
Greene	2,747	2,917	2,726	3,577	8	53
Grundy	613	145	997	286	12	17
Hamblen	668	866	1,033	1,506	5	27
Hamilton	2,206	2,090	3,729	4,468	96	121
Hancock	328	835	456	1,490	...	7
Hardeman	1,435	723	2,234	1,427	46	1
Hardin	850	853	1,332	2,165	2	7
Hawkins	1,637	1,615	1,723	2,824	16	13
Haywood	805	4	2,392	624	18	2
Henderson	793	1,046	1,316	2,009	...	40
Henry	1,566	402	3,077	1,473	17	14
Hickman	1,043	384	1,553	988	12	13
Houston	621	183	896	343	15	23
Humphreys	1,058	295	1,604	465	6	10
Jackson	1,285	677	1,752	754	1	...
James	171	313	327	647	2	4
Jefferson	661	1,516	902	2,638	13	9
Johnson	172	1,045	224	1,683	...	5
Knox	2,573	2,916	4,020	6,243	55	117
Lake	309	30	811	126	6	11
Lauderdale	894	156	2,244	709	33	7
Lawrence	841	676	1,376	1,203	7	...
Lewis	294	96	329	204	...	...
Lincoln	1,770	404	3 269	992	40	120
Loudon	364	711	594	1,447	3	11
Macon	570	854	869	1,324	...	...
McMinn	1,001	1,432	1 388	2,235	12	34
McNairy	1,030	1,038	1,516	1,463	...	...
Madison	2,188	210	3,701	1,024	15	17
Marion	861	883	1,320	1,801	28	5
Marshall	1,816	625	2,835	849	14	57
Maury	2,617	724	3,021	2,537	33	59
Meigs	547	381	721	641	4	2
Monroe	1,108	1,148	1,578	1,634	9	47
Montgomery	1,465	874	2 804	2,934	101	252
Moore	572	54	942	78	2	28
Morgan	405	712	452	1,140	15	19
Obion	1,519	335	3,775	1,147	41	98
Overton	1,233	647	1,495	761	1	...
Perry	517	315	1,000	572	1	...
Pickett	362	425	394	544	...	...
Polk	530	453	749	947	3	3
Putnam	1,386	829	1,750	1,097	4	14
Rhea	884	958	1,124	1,324	18	46
Roane	440	1,196	821	3,026	14	142
Robertson	1,710	684	2,943	1,386	15	182
Rutherford	1,814	913	3,352	2,203	59	23
Scott	175	1,177	209	1,691	...	7
Sequatchie	291	127	386	241	...	3
Sevier	263	1,948	428	3,376	4	13
Shelby	3,331	1,692	5,830	5,122	215	42
Smith	1,782	880	2,414	1,064	6	20
Stewart	989	220	1,642	648	...	9
Sullivan	1,860	1,268	2,512	1,914	3	53
Sumner	1,775	394	3,171	1,215	48	11
Tipton	1,180	89	2,119	1,894	123	13
Trousdale	606	1[illegible]	769	313	4	...
Unicoi	66	368	89	804	3	7

TENNESSEE—*Continued.*

Counties.	Governor, 1898.		President, 1896.			
	Mc-Millin, Dem.	Fowler, Rep.	Bryan, Dem. & Pop.	Mc-Kinley Rep.	Palmer, N.D.	Levering, Pro.
Union	366	919	599	1,862	2	2
Van Buren	524	115	419	140	9	5
Warren	1,345	511	2,101	842	21	39
Washington	1,056	1,519	1,661	2,807	18	43
Wayne	507	855	748	1,505	1	10
Weakley	2.165	1,211	3,934	2,003	3	99
White	1,295	271	1,839	617	9	16
Williamson	1,700	240	3,097	1,281	17	51
Wilson	2,445	663	3.436	1,568	19	17
Total	105640	72, 611	166268	148773	1,951	3,098
Plurality	33, 029	..	17,495	...	...	...
Per cent	57.92	39.81	52.19	46.21	0.65	0.95
Scattering	4,133		...			
Whole vote.	182,384		320,090			

The scattering vote for Governor in 1898 was Turnley, Pro., 2,411; Richardson, Pop., 1,722.

A call for a convention to revise the State Constitution was voted down by the people in 1897.

The vote for Watson electors in 1896 was 4,525.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Carter, Claiborne, Cocke, Grainger, Greene, Hamblen, Hancock Hawkins, Johnson, Sullivan, Unicoi and Washington. H. H. Gouchenour, Dem., 11,732; W P. Brownlow, Rep., 14,616; J. Connelly, Pro., 245. Brownlow's plurality, 2,884.

II. Counties of Anderson, Blount, Campbell, Jefferson, Knox, Loudon, Morgan, Roane, Scott, Sevier, and Union. J. M. Davis, Dem., 6,908; Henry R. Gibson, Rep., 13,848; scattering, 128. Gibson's plurality, 6,940.

III. Counties of Bledsoe, Bradley, Franklin, Grundy, Hamilton, James, McMinn, Marion, Meigs, Monroe, Polk, Sequatchie, Van Buren, Warren, and White. John A. Moon, Dem., 13,347; Gus Cate, Rep., 9,209; W. A. Whitmore, Pop., 161. Moon's plurality, 4,138.

IV. Counties of Clay, Cumberland, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Sumner, Trousdale, and Wilson. C. E. Snodgrass, Dem., 13,413; G. H. Morgan, Rep., 8,122. Snodgrass' majority, 5,291.

V. Counties of Bedford, Cannon, Coffee, De Kalb, Lincoln, Marshall, Moore, and Rutherford. J. D. Richardson, Dem., 11,087; W. Y. Elliott, Rep., 4,860. Richardson's majority, 6,227.

VI. Counties of Cheatham, Davidson, Houston, Humphreys, Montgomery, Robertson, and Stewart. J. W. Gaines, Dem., 11,539; J. C. Napier, Rep., 2,088; N. P. Gill, Pro., 1,021. Gaines' plurality, 9,451.

VII. Counties of Dickson, Giles, Hickman, Lawrence, Lewis, Maury, Wayne, and Williamson. N. N. Cox., Dem., 9,590; J. A. Cunningham, Ind., 4,055. Cox's majority, 5,535.

VIII. Counties of Benton, Carroll, Chester, Decatur, Hardin, Henderson, Henry, Madison, McNairy, and Perry. T. W. Sims, Dem., 10,747; W. F. Hinkle, Rep., 6,579; T. J. Brooks, Pop., 524. Sims' plurality, 4,168.

IX. Counties of Crockett, Dyer, Gibson, Haywood, Lake, Laud rdale, Obion, and Weakley. Rice A. Pierce, Dem., 9,860; I. Revelle, Rep., 2,728; E. T. Falley, Pop., 246. Pierce's plurality, 7,132.

X. Counties of Fayette, Hardeman, Shelby, and Tipton. E. W. Carmack, Dem., 8,489; J. W. Vernon, Rep., 1,873; J. T. Brooks, Pop., 43. Carmack's plurality, 6,616.

TENNESSEE—*Continued.*

VOTE FOR GOVERNOR, 1896.

The vote for Governor was: Taylor, Dem., 156,-228; Tillman, Rep., 149,374; Mims, Pop., 11,076; Hopwood, Pro., 2,881. Taylor's plurality, 6,854.

PRESENT STATE GOVERNMENT.

Governor, Benton McMillin; Secretary of State, William S. Morgan; Treasurer, Ed. B. Craig; Commissioner of Agriculture, Thomas Paine; Superintendent of Public Instruction, M. C. Fitzpatrick; Comptroller, Theo. F. King; Adjutant-General, H. C. Lamb; Attorney-General, G. W. Pickle—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, David L. Snodgrass; Justices, W. C. Caldwell, John S. Wilkes, W. K. McAllister, W. D. Beard, and A. W. McMillin. Court of Chancery Appeals: Justices, M. M. Neil, S. F. Wilson, R. M. Barton, Jr.; Clerk, James Turney—all Democrats.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	28	77	105
Republicans	5	22	27
Democratic majority	23	55	78

VOTE OF THE STATE SINCE 1868.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1868. Pres.	26,311	56,757	....	....	*30,446 R
1870. Gov.	78,979	41,500	....	....	*37,479 D
1872. Pres.	94,391	83,655	....	....	10,736 D
1874 Gov.	103,061	55,843	....	....	*47,218 D
1876. Pres.	133,166	89,566	....	....	43,600 D
1880. Pres.	128,191	107,677	5,917	....	20,514 D
	Debt-Paying		*Non-Credit*		
	Dem.		*Dem.*		
1880. Gov.	79,003	103,971	3,614	57,546	24,968 R
1882. Gov.	120,637	93,168	9,180	4,814	27,469 D
	Dem.			*Pro.*	
1884. Pres.	133,270	124,090	957	1,151	9,180 D
1886. Sup. Jud.	156,150	122,431	....	....	33,719 D
1886. Gov.	126,628	109,835	....	....	16,793 D
1888. Gov.	156,799	139,014	....	6,983	17,685 D
1888. Pres.	158,779	138,988	48	5,969	19,791 D
1890. Gov.	113,549	76,081	....	11,082	37,468 D
			I. Dem.		
1892. Gov.	127,247	100,629	31,515	5,427	26,618 D
			Pop.		
1892. Pres.	138,874	100,331	23,447	1,851	38,543 D
1894. Gov.	104,356	105,104	23,092	....	†748 R
	Dem.-Pop.				
1896. Pres.	166,268	148,773	....	3,098	17,495 D
1898. Gov.	105,640	72,611	1,722	2,411	33,029 D

* Majority. † A recount of the vote by the Legislature resulted in the rejection of certain returns for irregularities and elected Turney Governor.

TEXAS.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

I. T. H. Ball, Dem., 18,544; O. A. Blackwell, Rep., 5,751; J. H. Eagle, Pop., 3,289. II. S. B. Cooper, Dem., 22,086; J. A. McAyael, Rep., 2,093; T. J. Russell, Pop., 7,391. III. R. C. De Graffenreid, Dem., 17,996; H. D. Wood, Pop., 9,169. IV. J. L. Sheppard, Dem., 18,190; J. L. Whittle, Pop., 10,709. V. J. W. Bailey, Dem., 16,978; A. W. Acheson, Rep., 1,487; W. S. Holt, Pop., 4,345. VI. R. E. Burke, Dem., 25,116; A. J. Houston, Rep., 3,375; T. P. Gore, Pop., 9,677. VII. R. L. Henry, Dem., 22,203; R. Kingsbury, Rep., 2,197; A. W. Cunningham, Pop., 7,926. VIII. S. W. T. Lanham, Dem., 18,580; A. Springer, Rep., 2,239; N. J. Shands, Pop., 11,138. IX. A. S. Burleson, Dem., 20,378; G. W. Jones, Ind., 12,632. X. W. S. Robson, Dem., 16,462; R. B. Hawley, Rep., 17,757; J. W. Baird, Pop., 2,604. XI R. Kleberg, Dem., 18,319; B. L. Crouch, Rep., 14,687. XII. J. L. Slayden, Dem., 16,363; G. H. Noonan, Rep., 10,473; A. B. Surber, Pop., 2,110. XIII. J. H. Stephens, Dem., 24,876; J. J. Eager, Rep., 8,887.

TEXAS—*Continued.*

Counties. (294.)	Governor, 1898. Sayers, Dem.	Gibbs, Pop.	President, 1896. Bryan, Dem & Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Anderson	2,765	893	3,088	1,956	..	3
Angelina	1,406	526	1,877	351	..	7
Aransas	285	56	323	160	8	1
Archer	492	68	502	56	12	17
Armstrong	163	57	190	8	..	..
Atascosa	748	193	1,290	96	3	6
Austin	2,951	791	1,663	2,185	83	..
Bandera	551	340	629	149	1	..
Bastrop	2,212	2,032	2,712	2,016	10	41
Baylor	264	13	424	72	2	2
Bee	999	257	1,319	229	11	..
Bell	4,104	1,549	7,061	1,741	114	..
Bexar	7,736	1,082	6,167	5,001	164	29
Blanco	515	358	657	243	55	2
Borden	99	37	100	8	..	..
Bosque	1,671	989	2,456	875	30	3
Bowie	2,714	1,111	2,611	1,922	20	9
Brazoria	2,636	324	1,364	1,564	9	8
Brazos	2,936	324	1,930	1,999	36	..
Brewster	420	4	220	79	..	..
Briscoe	137	70	175	2	..	..
Brown	1,436	772	2,489	328	12	23
Burleson	2,336	466	1,797	1,605	10	4
Burnet	1,103	701	1,645	269	8	1
Caldwell	2,162	1,109	2,652	778	38	16
Calhoun	344	120	296	89	..	2
Callahan	821	489	1,308	123	13	..
Cameron	3,077	..	1,732	1,374	..	..
Camp	800	437	538	825	12	..
Carson	110	1	103	7	..	..
Cass	1,967	1,212	2,401	1,742	..	4
Castro	87	..	80	8	..	..
Chambers	338	104	418	201	15	..
Cherokee	2,142	1,765	2,348	1,611	60	14
Childress	343	64	335	27	10	..
Clay	1,162	332	1,478	234	27	5
Coke	302	208	472	33	..	8
Coleman	925	385	1,403	159	31	5
Collin	3,614	1,458	7,597	1,931	167	46
Collingsworth	173	64	196	3	4	..
Colorado	3,783	353	1,938	2,045	7	..
Comal	1,343	8	268	1,081	14	..
Comanche	1,677	2,109	2,540	158	8	10
Concho	158	41	42	17	8	1
Cooke	2,082	440	4,377	827	41	15
Coryell	2,094	1,276	3,484	488	56	5
Cottle	114	33	116	5	..	..
Crockett	402	1	160	215	..	..
Crosby	..	..	104	4	3	..
Dallam	35	..	36	7	..	..
Dallas	6,791	2,531	10,066	5,655	378	146
Deaf Smith	104	3	108	3	..	..
Delta	1,222	1,475	1,679	307	..	3
Denton	1,983	230	4,433	949	94	21
De Witt	2,191	1,065	2,067	1,776	15	4
Dickens	146	41	96	12	5	..
Dimmit	162	63	151	64	..	..
Donley	322	103	280	66	10	5
Duval	997	..	421	790	..	..
Eastland	1,499	1,183	2,578	237	36	15
Ector	111	9	68	8	..	..
Edwards	384	134	384	130	..	..
Ellis	3,731	1,602	8,490	1,763	233	61
El Paso	2,272	23	2,307	1,246	69	..
Erath	2,407	2,010	4,265	923	21	29
Falls	3,482	1,780	3,622	2,734	74	..
Fannin	3,526	1,812	7,198	2,329	76	14
Fayette	4,731	1,258	3,102	3,338	36	9
Fisher	323	268	454	44	..	9
Floyd	185	86	281	18	..	1
Foard	187	129	258	42	4	..
Fort Bend	2,267	128	892	2,228	11	..
Franklin	739	225	1,364	76	..	3
Freestone	1,629	755	2,030	1,345	29	..
Frio	520	154	673	197	8	..
Galveston	5,879	662	4,593	4,613	199	36
Gillespie	1,062	295	458	1,064	14	..
Glasscock	46	17	43	49	..	..
Goliad	812	457	807	637	1	..

TEXAS—*Continued.*

Counties.	Governor, 1898.		President, 1896.			
	Sayers, Dem.	Gibbs, Pop.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Gonzales	2,313	2,088	3,814	645	38	..
Gray	...	..	..	..	..	..
Grayson	3,950	571	8,901	3,353	104	29
Gregg	846	361	851	881	..	3
Grimes	2,224	2,371	2,467	2,017	48	..
Guadalupe	2,500	712	1,310	2,229	56	2
Hale	210	74	275	23	..	..
Hall	264	58	283	23	..	..
Hamilton	1,144	1,091	1,954	354	18	20
Hansford	21	3	16	17	..	..
Hardeman	535	93	507	49	11	2
Hardin	702	42	722	245	1	..
Harris	6,275	610	6,175	5,760	86	34
Harrison	3,803	61	2,130	1,595	11	26
Hartley	111	12	97	19	1	..
Haskell	342	95	316	16	..	2
Hays	1,508	436	1,813	692	76	15
Hemphill	152	2	114	39	8	..
Henderson	1,764	801	2,546	664	7	1
Hidalgo	1,247	.	1,083	151	..	..
Hill	3,860	2,014	7,125	1,195	122	58
Hood	908	620	1,500	133	..	..
Hopkins	2,374	1,751	2,941	475	55	86
Houston	1,935	491	3,285	1,296	26	6
Howard	295	134	315	110	..	..
Hunt	3,303	1,380	6,314	1,830	52	70
Irion	142	14	157	45	..	..
Jack	877	773	1,718	223	9	16
Jackson	574	441	606	458	16	..
Jasper	684	405	825	367	..	11
Jeff Davis	246	..	48	102	6	..
Jefferson	..	..	1,161	942	..	8
Johnson	3,370	2,043	5,365	869	61	..
Jones	512	419	542	44	..	..
Karnes	850	476	1,369	389	3	..
Kaufman	2,882	776	3,781	1,211	..	..
Kendall	508	229	267	506	6	..
Kent	95	49	237	112	..	..
Kerr	743	78	593	331	1	..
Kimble	229	165	325	96	..	..
King	10	1	88	1	..	..
Kinney	297	5	149	467	2	..
Knox	296	96	292	18	2	..
Lamar	3,200	1,336	5,971	2,191	143	..
Lampasas	897	502	1,150	290	13	16
La Salle	361	21	243	261	..	..
Lavaca	3,221	1,406	3,305	1,476	26	2
Lee	1,326	1,177	1,227	1,329	69	9
Leon	1,549	1,081	2,055	1,012	8	1
Liberty	973	351	890	463	..	3
Limestone	2,729	1,664	4,940	1,169	82	37
Lipscomb	129	6	100	30	..	..
Live Oak	376	104	506	50	1	..
Llano	796	450	1,155	149	1	13
Loving	....	..	54	30	..	..
Lubbock	122	1	93	7	2	1
Madison	748	690	1,412	209	12	..
Marion	429	454	704	1,408	..	..
Martin	113	6	97	22	..	..
Mason	624	397	496	292	5	..
Matagorda	627	67	671	561	3	..
Maverick	706	..	518	317	4	..
McCulloch	477	207	564	132	..	..
McLennan	3,657	1,116	7,384	4,126	158	86
McMullen	195	9	148	53	3	..
Medina	1,085	248	876	580	..	1
Menard	381	73	349	124	..	..
Midland	307	37	289	45	..	3
Milam	3,911	1,835	4,674	2,190	51	22
Mills	685	555	1,141	180	..	1
Mitchell	473	92	368	147	7	5
Montague	2,254	689	4,615	375	51	25
Montgomery	1,288	500	1,943	933	1	..
Moore	18	11	36	3	..	..
Morris	897	461	1,004	506	..	..
Motley	183	12	157	7	..	..
Nacogdoches	1,976	1,808	2,394	830	37	11
Navarro	3,932	2,323	5,988	2,113	137	64
Newton	919	115	625	345	..	15
Nolan	358	158	358	26	2	..

TEXAS—*Continued.*

Counties.	Governor, 1898.		President, 1896.			
	Sayers, Dem.	Gibbs, Pop.	Bryan, Dem.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Nueces	1,866	110	1,535	554	16	...
Ochiltree	40	1	29	9	...	...
Oldham	92	..	75	2	1	...
Orange	770	314	855	426	3	7
Palo Pinto	1,057	781	1,884	196	10	3
Panola	1,376	226	2,595	291	...	1
Parker	2,342	1,631	4,443	637	33	20
Pecos	266	..	197	60	...	...
Polk	1,283	903	1,898	589	15	2
Potter	264	56	299	52	5	...
Presidio	824	2	517	418	4	...
Rains	520	519	828	215	...	...
Randall	118	37	124	1	1	...
Red River	3,179	2,638	3,631	1,560	16	...
Reeves	483	13	617	45	...	...
Refugio	309	32	179	147	9	...
Roberts	169	33	138	19	...	...
Robertson	2,784	272	2,869	2,660	13	5
Rockwall	718	240	1,283	267	52	36
Runnels	452	266	615	109	7	5
Rusk	2,278	812	2,654	1,674	78	1
Sabine	630	554	964	83	...	...
San Augustine	566	756	1,249	265	10	...
San Jacinto	1,030	325	925	770	...	...
San Patricio	400	27	557	71	...	...
San Saba	871	524	1,182	118	14	1
Scurry	306	317	333	39	1	6
Shackelford	225	100	395	117	9	...
Shelby	1,371	370	3,044	186	1	35
Sherman	25	...	6	8	...	...
Smith	3,157	1,641	4,017	2,603	36	8
Somervell	328	357	705	23	...	2
Starr	1,138	14	1,035	732	...	...
Stephens	566	475	1,162	13	29	...
Sterling	97	111	198	22	...	...
Stonewall	..	..	204	17	...	...
Sutton	315	53	175	186	4	2
Swisher	127	68	193	15	1	1
Tarrant	3,904	1,101	7,975	2,293	136	37
Taylor	1,140	705	1,326	246	16	5
Throckmorton	183	100	271	52	...	...
Titus	1,081	665	1,871	345	...	...
Tom Green	656	59	777	465	18	...
Travis	4,661	1,779	4,029	4,138	180	75
Trinity	910	566	1,270	443	3	...
Tyler	971	218	1,508	480	...	...
Upshur	..	..	1,918	822	6	7
Uvalde	602	302	538	515	4	...
Val Verde	674	15	408	200	...	...
Van Zandt	2,169	1,886	3,560	691	9	35
Victoria	2,002	445	884	1,338	41	...
Walker	1,552	762	1,461	1,057	17	...
Waller	2,417	361	1,328	1,495	...	1
Ward	161	73	102	71	...	...
Washington	3,519	249	1,694	4,198	70	3
Webb	1,850	3	1,184	2,067	3	...
Wharton	1,030	157	890	1,166	...	...
Wheeler	73	5	81	21	...	...
Wichita	948	130	800	165	3	5
Wilbarger	663	176	872	137	9	14
Williamson	3,541	1,750	5,083	2,151	4	100
Wilson	1,686	1,019	2,302	191	15	2
Wise	2,489	1,279	5,028	540	16	14
Wood	1,681	949	2,566	773	3	4
Young	743	215	1,115	99	10	1
Zapata	676	..	14	390	...	...
Zavala	105	15	137	20	4	...
Total	291548	114955	370434	167520	5,046	1,786
Plurality	176593	..	202914	...	...	...
Per cent.	71.72	28.28	68.05	30.75	0.93	0.33
Scattering	3,051		.....			
Whole vote.	409,554		544.786			

Twenty-one counties which are unorganized and held no election are omitted from the above list.

Bryan's Democratic vote in 1896 was 290,862; his Populist vote, 79,572.

TEXAS—*Continued.*

PRESENT STATE GOVERNMENT.

Governor, Joseph D. Sayers; Lieutenant-Governor, J. S. Browning; Secretary of State, D. H. Hardy; Treasurer, J. W. Robbins; Comptroller, R. W. Finley; Superintendent of Public Instruction, J. S. Kendall; Commissioner of Agriculture, Jeff. Johnson; Adjutant-General, Thomas Scurry; Commissioner of General Land Office, Charles Rogan; Attorney-General, T. S. Smith—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Reuben R. Gaines; Associate Justices, Thomas J. Brown and F. A. Williams; Clerk, Chas. S. Morse—all Democrats.

STATE LEGISLATURE, 1899.

The Legislature is composed of 148 Democrats, 2 Republicans, 7 Populists, and 2 Independents.

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Maj.*
1872. Pres...	66,455	47,426	....	....	19,029 D
1876. Pres...	104,755	44,800	....	....	59,955 D
1878. Gov...	158,933	23,402	55,002	....	*103,931 D
1880. Pres...	156,428	57,893	27,405	....	*98,535 D
1884. Pres...	225,309	93,141	3,321	3,538	*132,168 D
1886. Gov...	228,776	65,236	....	19,186	*163,540 D
			Labor.		
1888. Pres...	234,883	88,422	29,459	4,749	*146,461 D
1890. Gov...	262,432	77,742	....	2,463	*184,690 D
			Pop.		
1892. Pres...	239,148	81,444	99,688	2,165	*139,460 D
1894. Comp.	216,240	†62,575	149,857	2,209	*66,383 D
1895. Gov...	241,882	55,405	159,224	‡5,026	*82,658 D
	Dem.-Pop.		*N. D.*		
1896. Pres...	370,434	167,520	5,046	1,786	*202,914 D
	Dem.	*Pop.*			
1898. Gov...	285,074	132,348	....	....	152,726 D

* Plurality. † United vote for two candidates. ‡ Independent Republican.

UTAH.

Counties. (27.)	President, 1896. Bryan, Dem. & Pop.	President, 1896. Mc-Kinley Rep.	Counties.	President, 1896. Bryan, Dem. & Pop.	President, 1896. Mc-Kinley Rep.
Beaver.....	1,058	206	San Pete.	3,388	1,805
Box Elder..	1,878	741	Sevier.....	1,859	504
Cache.....	4,389	832	Summit	3,386	251
Carbon.....	664	83	Tooele	1,682	276
Davis.....	1,749	453	Uintah.....	887	109
Emery.....	988	234	Utah	7,363	2,032
Garfield.....	615	250	Wasatch....	1,326	56
Grand.....	265	27	Washington	1,216	163
Iron.....	813	214	Wayne.....	406	78
Juab	2,353	437	Weber	6,336	1,365
Kane.....	232	291			
Millard	1,388	171	Total.....	64,517	13,484
Morgan.....	579	138	Plurality....	51,033	..
Piute.....	556	35	Per cent....	82.93	17.17
Rich....	404	163	Scattering..	21	
Salt Lake...	18,578	2,565	Whole vote	78,022	
San Juan...	164	5			

The scattering vote was for Palmer, Nat. Dem.

For Representative in Congress, 1898, the vote was: B. H. Roberts, Dem., 35,296; A. L. Eldridge, Rep., 29,631; W. Foster, Pop., 2,878.

For Judge of the Supreme Court in 1898 the vote was: R. N. Baskin, Dem., 34,670; Zane, Rep., 31,573; J. M. Bowman, Pop., 1,484.

PRESENT STATE GOVERNMENT.

Governor, Heber M. Wells; Secretary of State, J. T. Hammond; Attorney-General, A. C. Bishop; Auditor, M. Richards, Jr.; Treasurer, James Chipman; Superintendent of Public Instruction, J. R. Park.

JUDICIARY.

Supreme Court: Chief Justice, George W. Bartch, Rep.; Justices, J. A. Miner, Rep., and R. N. Baskin, Dem.; Clerk, L. P. Palmer, Rep.

STATE LEGISLATURE, 1899.

The Legislature is composed of 41 Democrats, 16 Republicans, and 6 Fusionists.

VERMONT.

Counties. (14.)	Governor, 1898. Mohoney, Dem.	Governor, 1898. Smith, Rep.	President, 1896. Bryan, Dem. & Pop.	President, 1896. Mc-Kinley Rep.	President, 1896. Palmer, N. D.	President, 1896. Levering, Pro.
Addison	530	3,860	404	4,314	36	81
Bennington ..	1,128	2,308	653	3,086	61	36
Caledonia.....	884	2,405	729	3,474	120	94
Chittenden....	2,354	3,986	1,416	4,743		54
Essex.....	361	718	277	873	33	13
Franklin.....	1,572	3,691	1,150	3,444	107	72
Grand Isle....	219	482	158	426	31	2
Lamoille.....	387	1,487	440	2,061	23	27
Orange	902	2,450	567	3,067	121	69
Orleans.....	443	2,493	442	3,412	56	46
Rutland	2,376	4,885	1,661	6,794	161	89
Washington ..	1,863	3,585	1,396	4,476	177	66
Windham.....	897	2,664	670	4,829	190	50
Windsor	770	3,541	674	6,128	126	34
Total	14,686	38,555	10,637	51,127	1,331	733
Plurality	..	23,869	..	40,490	..	..
Per cent.....	27.03	70.95	16.50	80.08	2.09	1.15
Scattering.....	1,096		16			
Whole vote.	54,337		63,844			

Of the scattering vote for Governor in 1898, Wyman, Pro., had 1,075.

The vote for Governor in 1896 was: Josiah Grout, Rep., 53,246; J. H. Jackson, Dem., 14,855; Joseph Battell, Pop., 8,313; R. C. Whittemore, Pro., 755. Grout's plurality, 38,391.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Addison, Bennington, Chittenden, Franklin, Grand Isle, Lamoille, and Rutland. Herbert F. Brigham, Dem., 8,026; H. Henry Powers, Rep., 20,350; scattering, 8. Powers' plurality, 12,324.

II. Counties of Caledonia, Essex, Orange, Orleans, Washington, Windham, and Windsor. C. A. G. Jackson, Dem., 5,967; William W. Grout, Rep., 17,728; scattering, 57. Grout's plurality, 11,761.

PRESENT STATE GOVERNMENT.

Governor, Edward C. Smith; Lieutenant-Governor, Henry C. Bates; Secretary of State, Frederick A. Howland; Treasurer, John L. Bacon; Auditor, Orion M. Barber; Adjutant-General, T. S. Peck; Superintendent of Education, Mason S. Stone—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Russell S. Taft; Assistant Justices, Loveland Munson, John W. Rowell, John H. Watson, H. R. Start, L. H. Thompson, and James M. Tyler; Clerk, M. E. Smilie—all Republicans.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans.....	30	201	231
Democrats	..	42	42
Prohibitionist.....	..	1	1
Non-Partisan	...	1	1
Republican majority..	30	157	187

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. Pres.....	10,927	41,481	....	....	*30,554 R
1876. Pres.....	20,350	44,428	....	....	*24,078 R
1878. Gov	17,247	37,312	2,635	....	20,065 R
1880. Pres.	18,316	45,567	....	....	*27,251 R
1884. Pres.....	17,331	39,514	785	1,752	22,183 R
1888. Gov.....	19,527	48,522	....	1,372	28,995 R
1888. Pres.....	16,788	45,192	....	1,460	28,404 R
1890. Gov.....	19,290	33,462	....	1,161	14,163 R
1892. Pres.	16,325	37,992	....	1,415	21,667 R
			Pop.		
1894. Gov.....	14,142	42,663	740	457	28,521 R
			N. D.		
1896. Pres.....	10,637	51,127	1,331	733	40,490 R
1898. Gov	14,686	38,555	....	1,075	23,869 R

* Majority.

VIRGINIA.

Counties and Cities. (118.)	Governor, 1897. Tyler, Dem.	Mc-Caull, Rep.	Cutler, Pro.	President, 1896. Bryan, Dem.	Mc-Kinley Rep.	Palmer, N. D.
Accomac	1,405	145	79	3,115	1,675	28
Alleghany	487	644	91	720	1,711	13
Albemarle	1,278	732	24	2,628	1,918	51
Al'xandriaCy	1,108	469	30	1,830	1,281	32
AlexandriaCo	249	248	1	322	713	2
Amherst	1,310	777	56	1,751	1,190	10
Amelia	486	416	15	663	899	1
Appomattox	766	188	9	946	598	5
Augusta	2,317	1,270	148	3,066	2,823	34
Bath	375	245	2	508	471	6
Bedford	1,989	949	19	3,085	2,248	35
Bland	423	295	4	492	398	1
Botetourt	1,303	948	23	1,494	1,614	22
Bristol City	327	187	8	413	224	12
Brunswick	1,039	676	21	1,303	956	12
Buchanan	581	307	13	509	695	..
Buckingham	852	534	11	1,247	1,199	24
BuenaVist'Cy	213	111	8	219	184	3
Campbell	1 118	697	18	2,115	1,696	8
Carroll	1,237	1,331	20	1,528	1,672	3
Caroline	736	739	39	1,293	1,502	9
Charles City	165	39	4	272	362	7
Charlotte	827	115	5	1,458	538	34
Ch'rlott'sville	329	45	6	801	371	11
Chesterfield	1,097	508	21	1,729	1,273	22
Clarke	756	77	6	1,114	490	7
Craig	393	147	41	490	249	..
Culpeper	1,113	457	4	1,704	1,113	14
Cumberland	455	151	1	618	657	5
Danville	850	303	60	1,702	1,078	41
Dickenson	499	382	23	547	534	10
Dinwiddie	943	225	16	1,099	741	7
ElizabethCity	699	492	10	573	919	19
Essex	862	133	5	924	669	3
Fairfax	1 700	1,069	18	2,109	1,877	22
Fauquier	1,516	542	5	2,744	1,553	22
Floyd	547	902	7	848	1,525	2
Fluvanna	675	305	7	919	708	12
Franklin	1,491	918	33	2,305	1,711	3
Frederick	695	12	12	1,848	845	11
Fredericksb'g	473	97	8	533	388	9
Giles	987	486	92	993	777	15
Gloucester	860	193	1	819	549	7
Goochland	523	587	4	676	877	10
Grayson	1,155	1,066	11	1,328	1,473	28
Greene	506	168	..	533	581	..
Greenesville	725	202	10	850	471	3
Halifax	2,112	624	29	3,251	2,050	20
Hanover	1,051	580	61	1,499	1,337	37
Henrico	1,274	225	23	2,332	1,817	48
Henry	1.018	849	36	1,409	1,783	4
Highland	312	275	7	553	489	2
Isle of Wight	1,257	294	4	1,264	727	3
James City	283	128	8	261	291	1
King George	506	428	3	582	681	6
King & Queen	820	163	6	853	655	3
King William	316	165	24	592	990	5
Lancaster	912	614	19	1,073	599	4
Lee	1,196	603	54	1,475	1,470	11
Louisa	1,153	896	85	1,366	1,391	10
Loudoun	1,922	520	25	2,471	1,991	9
Lunenburg	467	159	16	1,045	475	4
Lynchburg	1,148	129	36	1,657	1,647	26
Madison	808	221	26	1,089	724	.
Manchester	600	249	10	812	583	18
Matthews	577	192	12	797	444	7
Mecklenburg	988	1,113	12	2,099	2,353	6
Middlesex	462	48	9	668	680	3
Montgomery	1,123	825	56	1,317	1,594	12
Nansemond	1,257	585	7	1,300	1,060	8
Nelson	1,223	645	57	1,492	1,183	23
New Kent	174	248	20	369	446	5
Norfolk City	2,593	375	32	3,068	1,995	93
Norfolk C'nty	1,710	.951	21	2,137	3,475	29
N'port News	654	181	7	676	815	20
Northampton	493	265	10	1,086	802	11
Northumb'l'd	545	213	25	953	904	3
Nottoway	754	250	20	936	478	2

VIRGINIA—*Continued.*

Counties and Cities.	Governor, 1897. Tyler, Dem.	Mc-Caull, Rep.	Cutler, Pro.	President, 1896. Bryan, Dem.	Mc-Kinley Rep.	Palmer, N. D.
Orange	847	445	39	1,324	957	13
Page	691	393	17	1,166	1,454	13
Patrick	930	999	5	886	1,140	3
Petersburg	824	259	44	1,682	766	83
Pittsylvania	2,064	1,218	114	3,987	3,196	25
Portsmouth	842	173	8	1,380	769	48
Powhatan	407	371	2	528	637	4
Prince Edw'd	717	274	17	991	979	22
Prince George	378	2	60	518	394	5
Prince Will'm	653	187	..	1,341	727	7
Princess Anne	566	191	15	790	687	2
Pulaski	1,000	937	8	1,109	1,489	8
Radford City	364	92	4	372	309	10
Rappahann'ck	933	220	..	1,076	569	8
Richmond C'y	3,839	505	4	7,839	5,160	334
Richmond Co.	576	330	64	667	667	7
Roanoke City	1,529	702	85	2,005	1,697	33
Roanoke Co	726	802	29	1,114	1,484	12
Rockbridge	1,430	1,387	14	1,634	2,290	103
Rockingham	2,169	1,557	67	2,998	3,524	27
Russell	1,456	956	15	1'530	1,475	4
Scott	1,755	1 226	39	1'793	2,206	11
Shenandoah	1,698	846	110	2'052	2,102	47
Smyth	1,134	754	10	1'407	1,546	7
Southampton	1,503	274	7	1'438	439	6
Spottsylvania	490	381	3	877	903	4
Stafford	591	555	3	629	1,084	3
Staunton	627	167	36	713	556	42
Surrey	667	226	3	709	609	5
Sussex	685	140	7	769	418	4
Tazewell	1,396	1,270	46	1,582	2,525	9
Warren	770	145	13	1,172	575	20
Warwick	536	80	5	238	577	2
Washington	1,917	1,632	31	2,374	2,669	16
Westmorel'nd	472	237	1	705	827	8
Williamsburg	112	65	6	113	90	1
Winchester	303	75	6	490	447	27
Wise	625	527	2	966	1,230	6
Wythe	1,565	1,023	5	1,683	1,882	71
York	698	145	12	722	223	1
Total	109655	56,840	2.743	154709	135368	2,129
Plurality	52,815	..	..	19,341	..	..
Per cent	64.43	30.40	1.61	52.62	45.83	0.72
Scattering		946			2,458	
Whole vote		170,184			394,664	

Of the scattering vote in 1897, Quantz, Soc. L., had 528 and Cowden, Ind., 414.

The scattering vote in 1896 was for Matchett, Soc. L., 108; Levering, Pro., 2,350.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Accomac, Carolina, Essex, Gloucester, King and Queen, Lancaster, Matthews, Middlesex, Northampton, Northumberland, Richmond, Spottsylvania, Westmoreland, and the city of Fredericksburg. W. A. Jones, Dem., 8,844; J. A. Bristow, Rep., 4,270; Crockett, Pro., 230. Jones' plurality, 4,574.

II. Counties of Charles City, Elizabeth City, Isle of Wight, James City, Nansemond, Norfolk, Princess Anne, Southampton, Surrey, Warwick, York, and the cities of Norfolk, Portsmouth, Williamsburg, and Newport News. W. A. Young, Dem., 12,183; R. A. Wise, Rep., 6,204; Holland, Ind. Rep., 3,445. Young's plurality, 5,979.

III. Counties of Chesterfield, Goochland, Hanover, Henrico, King William, New Kent, and the cities of Richmond and Manchester. John Lamb, Dem., 7,058; O. H. Russell, Rep., 1,914; B. B. Weisiger, Rep., 1,138. Lamb's plurality, 5,144.

IV. Counties of Amelia, Brunswick, Dinwiddie, Greenesville, Lunenburg, Mecklenburg, Nottoway, Powhatan, Prince Edward, Prince George, Sussex, and the city

VIRGINIA—*Continued.*

of Petersburg. Sydney P. Epes, Dem., 8,633; R. T. Thorp, Rep., 5,889; Ellis, Rep., 255. Epes' plurality, 2,744.

V. Counties of Carroll, Floyd, Franklin, Grayson, Henry, Patrick, Pittsylvania, and the city of Danville. C. A. Swanson, Dem., 13,459; E. Parr, Rep., 9,858; Bennett, Pro., 193. Swanson's plurality, 3,601.

VI. Counties of Bedford, Campbell, Charlotte, Halifax, Montgomery, Roanoke, and the cities of Lynchburg, Radford, and Roanoke. Peter J. Otey, Dem., 10,759; C. A. Heermans, Rep., 2,310; Butler, Rep., 2,535. Otey's plurality, 8,224.

VII. Counties of Albemarle, Clarke, Frederick, Greene, Madison, Page, Rappahannock, Rockingham, Shenandoah, Warren, and the cities of Charlottesville and Winchester. James Hay, Dem., 9,841; D. C. O'Flaherty, Silver Dem., 2,931. Hay's majority, 6,940.

VIII. Counties of Alexandria, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Orange, Prince William, Stafford, and the city of Alexandria. John F. Rixey, Dem., 6,469; Hughes, Ind., 616; Johnson, Pro., 136. Rixey's plurality, 5 853.

IX. Counties of Bland, Buchanan, Craig, Dickenson, Giles, Lee, Pulaski, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe, and the city of Bristol. W. F. Rhea, Dem., 17,344; J. A Walker, Rep., 16,595. Rhea's majority, 749.

X. Counties of Alleghany, Amherst, Appomattox, Augusta, Bath, Botetourt, Buckingham, Cumberland, Fluvanna, Highland, Nelson, Rockbridge, and the cities of Staunton and Buena Vista. J. M. Quarles, Dem., 10,784; R T. Hubard, Rep., 8,150; Smith, Ind., 62. Quarles' plurality, 2,572.

STATE LEGISLATURE, 1900.

	Senate.	*House.*	*Joint Ballot.*
Democrats	38	93	131
Independents and Republicans	2	7	9
Democratic majority	36	86	122

PRESENT STATE GOVERNMENT.

Governor, J. Hoge Tyler; Lieutenant-Governor, Edward Echols; Secretary of State, Joseph T. Lawless; First Auditor, Morton Marye; Second Auditor, Josiah Ryland, Jr.; Treasurer, A. W. Harman, Jr.; Superintendent of Free Schools, J. W. Southall; Attorney-General, A. J. Montague—all Democrats.

JUDICIARY.

Supreme Court of Appeals: President, James Keith; Justices, John W. Riely, John A. Buchanan, George M. Harrison, and Richard H. Cardwell; Clerk of the Court, G. K. Taylor—all Democrats.

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Pop.*	*Pro.*	*Maj.*
1872. Pres	91,654	93,468	....	....	1,814 R
1876. Pres	101,208	76,093	....	....	25,115 D
1880. Pres	96,449 / 31,527	84,020	....	....	*31,527 H
1884. Pres	145,497	139,356	....	138	6,141 D
1885. Gov	152,544	136,510	...	....	16,034 D
1886. Cong	102,221	123,080	....	....	20,859Op
1887. Leg	119,806	119,380	....	....	426 D
1888. Pres	151,977	150,438	....	1,678	†1,539 D
1889. Gov	162,654	120,477	....	897	†42,177 D
			N. D.		
1892. Pres	163,977	113,262	12,275	2,738	†50,715 D
			Pop.		
1893. Gov	127,940	....	81,239	6,962	†39,72b D
1896. Pres	154,709	135,368	2,129	2,350	†19,341 D
1897. Gov	109,655	56,840	....	2,743	†52,815 D

* Hancock's actual majority in the State, the Democratic and Readjuster vote both being for him. † Plurality.

WASHINGTON.

Counties. (34.)	Judge Supreme Court, 1898. Heuston, Fus.	Anders, Rep.	President, 1896. Bryan, Dem.& Pop.	McKinley Rep.	Palmer, N. D.	Levering, Pro.
Adams	240	274	363	243	9	11
Asotin	188	243	254	214	15	3
Chehalis	1,079	1,213	1,312	1,267	38	20
Clallam	429	474	676	559	41	6
Clarke	937	1,375	1,497	1,497	50	51
Columbia	674	769	847	776	15	9
Cowlitz	557	890	935	989	39	23
Douglas	463	360	722	334	11	10
Franklin	54	36	108	38	5	2
Garfield	357	421	469	378	13	14
Island	125	239	181	206	10	7
Jefferson	317	610	500	704	36	8
King	5,802	6,208	7,497	6,413	236	144
Kitsap	453	647	702	728	26	29
Kittitas	842	1,022	1,296	1,044	40	23
Klickitat	378	842	644	876	44	11
Lewis	1,231	1,524	1,584	1,594	70	37
Lincoln	699	1,104	1,715	781	56	31
Mason	372	390	650	397	17	11
Okanogan	357	496	912	284	38	11
Pacific	337	776	512	925	50	19
Pierce	3,570	4,140	5,404	4,641	166	58
San Juan	203	374	283	411	8	3
Skagit	1,078	1,387	1,573	1,268	50	28
Skamania	144	114	239	122	15	4
Snohomish	1,852	1,873	2,775	1,871	83	42
Spokane	2,928	3,890	5,725	2,701	104	111
Stevens	1,008	758	1,880	433	46	26
Thurston	906	1,043	1,371	1,052	44	17
Wahkiakum	205	310	376	290	20	3
Walla Walla	1,034	1,687	1,652	1,596	64	37
Whatcom	1,423	1,909	2,177	1,971	50	68
Whitman	1,652	2,035	3,578	1,592	112	77
Yakima	897	1,019	1,219	948	47	12
Total	33,259	40,452	51,646	39,153	1,668	968
Plurality	..	8,113	12,493	..	...	...
Per cent	43.68	54.52	55.19	41.84	1.78	1.03
Scattering	1,323		148			
Whole vote	74,024		93,583			

The scattering vote for Judge in 1898 was for Young, Soc. L.

In 1896 Democrats and Populists fused, each having two electors on the Bryan ticket. The scattering vote was for Bentley, Nat. Pro.

The vote for two Representatives in Congress in 1898 was: W. C. Jones, Fus., 33,052; J. H. Lewis, Fus., 36,385; W. L. Jones, Rep., 39,809; F. W. Cushman, Rep., 38,983; W. A. Hamilton, Soc. L., 929; W. Walker, Soc. L., 900. W. L. Jones' plurality, 3,424; Cushman's plurality, 2,603.

PRESENT STATE GOVERNMENT.

Governor, John R. Rogers; Lieutenant-Governor, Thurston Daniels; Secretary of State, W. D. Jenkins; Treasurer, C. W. Young; Auditor, Neal Cheatham; Attorney-General, P. H. Winston; Adjutant-General, E. H. Fox; Supt. Education, F. J. Browne—all Pop. except Winston, Silver Rep.

JUDICIARY.

Supreme Court: Chief Justice, M. J. Gordon; Associate Justices, R. O. Dunbar, M. A. Fullerton, T. J. Anders, J. B. Reavis; Clerk, C. S. Reinhart—all Republicans except Reavis, Dem.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	6	3	9
Republicans	15	70	85
Populists	13	4	17
Citizens	..	1	1

VOTE OF THE STATE SINCE ADMISSION.

	Dem.	*Rep.*	*Pop.*	*Pro.*	*Maj.*
1889. Governor	24,732	33,711	....	....	8,979 R
1890. Congress	22,831	29,153	....	2,819	6,322 R
1892 President	29,802	36 460	19,165	2,542	*6,658 R
1894. Congress	14,160	34,812	25,140	209	*9,672 R
	Fus.		*N. D.*		
1896 President	51,646	39,153	1,668	968	*12,493 F
			Soc. L.		
1898. Judge	32,339	40,452	1,323	....	*8,113 R

* Plurality.

WEST VIRGINIA.

Counties. (55.)	President, 1896. Bryan, Dem. & Pop.	Mc-Kinley Rep.	Palmer, N. D.	Levering, Pro.	President, 1892. Cleveland, Dem.	Harrison, Rep.
Barbour	1,644	1,573	1	..	1,522	1,497
Berkeley	2,085	2,497	54	20	2,133	2,259
Boone	813	678	2	3	782	541
Braxton	2,188	1,473	8	28	1,790	1,113
Brooke	748	935	5	20	770	740
Cabell	2,959	3,038	22	..	2,890	2,328
Calhoun	796	1,186	...	..	993	602
Clay	606	661	1	2	503	494
Doddridge	1,231	1,747	4	17	1,156	1,332
Fayette	2,783	4,544	11	53	2,232	2,665
Gilmer	1,356	1,000	3	8	1,187	816
Grant	372	1,306	3	8	400	1,155
Greenbrier	2,414	1,661	21	18	2,299	1,259
Hampshire	1,908	676	15	2	1,878	523
Hancock	584	843	4	34	593	693
Hardy	1,146	547	45	..	1,215	381
Harrison	2,485	3,027	13	26	2,237	2,567
Jackson	2,286	2,529	6	26	1,883	2,131
Jefferson	2,454	1,283	62	27	2,530	1,093
Kanawha	4,819	6,939	28	47	4,549	5,078
Lewis	1,718	1,813	4	68	1,677	1,550
Lincoln	1,365	1,334	6	2	1,081	840
Logan	992	382	21	1	1,522	484
Marion	3,304	2,121	26	105	2,662	2,584
Marshall	2,107	3,560	17	112	1,808	2,568
Mason	2,493	3,066	11	10	2,260	2,600
Mercer	2 122	2,389	5	12	1,827	1,651
Mineral	1,307	1,548	10	40	1,279	1,356
Mingo	1,204	632	3	2	..	..
Monongalia	1,484	2,683	18	32	1,505	2,255
Monroe	1,579	1,323	3	9	1,373	1,141
Morgan	432	1,107	24	51	582	910
McDowell	986	2,632	4	2	607	1,265
Nicholas	1,226	908	5	62	1,063	728
Ohio	5,016	6,720	77	68	5,220	5,061
Pendleton	1,117	783	6	18	1,075	717
Pleasants	887	922	4	3	855	713
Pocahontas	983	632	6	18	950	539
Preston	1,331	3,628	7	31	1,323	2,866
Putnam	1,702	1,877	4	3	1,597	1,612
Raleigh	1 103	1,150	4	2	965	871
Randolph	1,969	1,427	10	14	1,622	839
Ritchie	1,601	2,212	2	56	1,349	1,773
Roane	2,126	1,848	5	11	1,709	1,452
Summers	1,736	1,599	3	17	1,632	1,293
Taylor	1,306	1,838	7	21	1,158	1,522
Tucker	1,111	1,260	..	..	867	830
Tyler	1,799	2,430	7	22	1,106	1,449
Upshur	947	2,280	18	36	938	1,849
Wayne	2,443	2,031	11	3	2,095	1,514
Webster	972	709	..	..	737	353
Wetzel	2,525	1,685	9	13	1,810	1,183
Wirt	1,159	1,060	5	9	1,110	926
Wood	2,485	4,044	27	31	2,985	3,201
Wyoming	613	735	..	..	577	591
Total	92,927	104414	677	1,203	84,467	80,293
Plurality	..	11,487	..	..	4,174	..
Per cent	46.87	52.42	0.29	0.41	49.32	46.94
Scattering	....				6,311	
Whole vote	199,221				171,071	

The scattering vote in 1892 was: Weaver, Pop., 4,166; Bidwell, Pro., 2,145.

VOTE FOR STATE OFFICERS, 1896.

Governor: Watts, Dem., 93,974; Atkinson, Rep., 105,477; Fitzgerald, Pro., 1,054. Atkinson's plurality, 11,503.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Braxton, Brooke, Doddridge, Gilmer, Hancock, Harrison, Lewis, Marshall, Ohio, Tyler, Wetzel. J. V. Blair, Dem., 19,031; B. B. Dovener, Rep., 20,891.

II. Counties of Barbour, Berkeley, Grant, Hampshire, Hardy, Jefferson, Marion, Mineral,

WEST VIRGINIA—*Continued.*

Monongalia, Morgan, Pendleton, Preston, Randolph, Taylor, Tucker. John T. McGraw, Dem., 22,720; Alston G. Dayton, rep., 23,344.

III. Counties of Boone, Clay, Fayette, Greenbrier, Kanawha, Logan, Mercer, Mingo Monroe, McDowell, Nicholas, Pocahontas, Raleigh, Summers Upshur, Webster, Wyoming. David E. Johnston, Dem., 22,802; W. S. Edwards, Rep., 22,037. Johnston's plurality, 765.

IV. Counties of Cabell, Calhoun, Jackson, Lincoln, Mason, Pleasants, Putnam, Ritchie, Roane, Wayne, Wirt, Wood. George I. Neal, Dem., 20,854; Romeo H. Freer, Rep., 21,727.

PRESENT STATE GOVERNMENT.

Governor, Geo. W. Atkinson; Secretary of State, W. M. O. Dawson; Treasurer, M. A. Kendall; Auditor, L. M. La Follette; Attorney-General, E. P. Rucker; Superintendent of Schools, J. R. Trotter; Adjutant-General, J. W. M. Appleton—all Republicans.

JUDICIARY.

Supreme Court of Appeals: President, M. H. Dent; Judges, John W. English, Henry Brannon, and H. C. McWhorter; Clerk, J. A. Holley—all Democrats except McWhorter, Rep.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Republicans	17	32	49
Democrats	9	39	48

Nine seats in Legislature contested.

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Maj.*
1872. President	29,537	32,283	....	....	2,746 R
1876. President	56,565	42,001	....	....	14,564 D
1880. President	57,391	46,243	9,079	...	*11,148 D
1884. President	67,317	63,096	805	989	*4,221 D
1886. Congress	65,184	64,279	....	1,492	*905 D
			U. Lab.		
1888. President	78,677	78,171	1,508	1,084	506 D
1890. Sup. Judge	78,554	70,197	....	898	8,337 D
			Pop.		
1892. President	84,467	80,293	4,166	2,145	4,174 D
					Plu.
1894. Congress	76,146	89,605	....	....	13,359 R
			N. D.		
1896. Governor	93,974	105,477	....	1,054	11,503 R
1896. President	92,927	104,414	677	1,203	11,487 R

* Plurality.

WISCONSIN.

Counties. (70.)	Governor, 1898. Sawyer, Dem.	Scofield, Rep	President, 1896. Bryan, Dem. & Pop.	Mc-Kinley Rep.	Palmer, N. D.	Levering, Pro.
Adams	420	1,055	391	1,432	16	27
Ashland	1,252	1,703	1,743	2,738	26	60
Barron	675	1,660	1,324	2,772	27	155
Bayfield	697	1,235	770	2,244	13	59
Brown	2,929	3,476	3,841	5,436	69	88
Buffalo	1,011	1,640	1,302	2,301	51	61
Burnett	54	703	349	800	4	28
Calumet	1,411	1,370	1,869	1,547	27	28
Chippewa	2,150	2,273	2,929	3,601	35	84
Clark	948	2,048	1,318	3,328	39	97
Columbia	2,143	3,526	2,380	4,845	108	280
Crawford	1,305	1,720	1,509	2,323	24	38
Dane	6,276	5,461	6,521	9,080	159	410
Dodge	5,384	3,534	4,900	5,610	256	120
Door	648	1,571	895	2,402	21	49
Douglas	1,578	2,862	2,527	4,274	48	96
Dunn	1,022	1,527	1,418	3,376	33	131
Eau Claire	1,850	2,648	2,354	4,522	52	186

WISCONSIN—*Continued.*

Counties.	Governor, 1898.		President, 1896.			
	Sawyer. Dem.	Scofield, Rep.	Bryan, Dem. & Pop.	McKinley Rep.	Palmer, N D.	Levering, Pro.
Florence	120	297	129	488	2	6
Fond du Lac	4,194	4,201	4 933	6,174	123	157
Forest	132	185	172	406	2	15
Grant	2,947	4,049	3,683	5 315	67	188
Green	1,448	2,042	2,339	3,093	53	158
Green Lake	1,682	1,914	1,568	2,103	32	61
Iowa	1,848	2,285	2,060	3,115	61	174
Iron	473	696	472	1,288	..	26
Jackson	639	1,575	778	2,710	39	98
Jefferson	3,606	2,750	3,504	4,344	263	138
Juneau	1,661	2,203	1 671	2,832	35	59
Kenosha	1,674	2,027	1 732	2,827	62	40
Kewanee	1,582	1,239	1,649	1 835	91	14
La Crosse	2,358	3,864	3,068	6,397	225	161
La Fayette	1,982	2,228	2,236	2,919	59	114
Langlade	1,102	868	956	1 457	38	23
Lincoln	1,327	1,132	1 802	1,706	21	44
Manitowoc	3,707	3,265	3,919	4,430	164	62
Marathon	2,765	3,068	3,829	3,958	87	70
Marinette	1,397	3,062	1,867	4,277	29	81
Marquette	840	1,210	829	1,476	20	25
Milwaukee	19,494	20,233	26,536	35,939	520	640
Monroe	1,848	2,691	2 361	3,683	35	103
Oconto	1,157	1,945	1,290	2,836	35	59
Oneida	708	1,095	563	1,453	14	27
Outagamie	3,074	3,784	4,096	5,433	106	139
Ozaukee	1,504	857	1,947	1,535	62	30
Pepin	433	865	436	1,301	19	37
Pierce	621	1,771	1,412	3,724	38	156
Polk	384	1,822	891	2,861	23	61
Portage	2,137	2,219	2,890	3,537	54	82
Price	515	951	550	1,448	19	37
Racine	2,850	3,846	3,975	5,849	104	213
Richland	1,430	1,852	2,098	2 636	16	129
Rock	2,676	5,427	3,655	6 282	86	237
St. Croix	1,481	2,111	2 475	3,462	38	158
Sauk	1,999	2,671	2 611	4 623	97	242
Sawyer	355	547	369	514	2	28
Shawano	1,451	1,863	1,594	3,035	32	54
Sheboygan	3,203	4,137	3,327	6,644	247	90
Taylor	921	869	710	1 387	27	20
Trempealeau	827	1,994	1,394	3,306	24	152
Vernon	111	2,440	1 627	4,393	28	102
Vilas	587	695	443	754	9	8
Walworth	1,313	3,352	1,894	5,347	57	282
Washburn	244	598	250	771	8	21
Washington	2,583	2,094	2,404	2,877	86	31
Waukesha	3,221	3,669	3,192	5,411	108	162
Waupaca	1,189	3,274	1,577	5,472	65	129
Waushara	389	2,340	456	3,210	27	102
Winnebago	4,471	5,293	5,089	7 898	101	211
Wood	1,850	1,615	1,877	2,839	31	54
Total	135553	173137	165523	268135	4,584	7,509
Plurality	..	37,784	.	102612	..	..
Per cent	41.08	52.55	36.99	59.93	1.02	1.68
Scattering	20,672		1,660			
Whole vote	329,429		447,411			

Of the scattering vote for Governor in 1898, Worsley, Pop., had 8,577; Chapin, Pro., 8,078; Tuttle, Soc. Dem., 2,544, and Riese, Soc. L., 1,473.

The scattering vote for President in 1896 was: Bentley, Nat. Pro., 346; Matchett, Soc. L., 1,314.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Green, Kenosha, La Fayette, Racine, Rock, and Walworth. Clinton Babbitt, Dem., 11,447; Henry A. Cooper, Rep., 19,887; J. C. Huffman, Pro., 995. Cooper's plurality, 8,440.

II. Counties of Columbia, Dane, Dodge, and Jefferson. James E. Jones, Dem., 15,768; Herman B. Dahle, Rep., 16,892; J. B. Smith, Pro., 856. Dahle's plurality, 1,124.

III. Counties of Adams, Crawford, Grant, Iowa, Juneau, Richland, Sauk, and Vernon. Thomas L. Cleary, Dem., 12,037; Joseph W. Babcock, Rep., 19,195; R. B. Griggs, Pro., 1,025. Babcock's plurality, 7,158.

IV. County of Milwaukee (part). Joseph G. Donnelly, Dem., 14,022; Theobold Otjen, Rep., 15,903; R. Schilling, Pop., 2,227; L. A. Arnold, Soc. Dem., 993; J. Moser, Soc. L., 500. Otjen's plurality, 1,881.

V. Counties of Milwaukee (part), Ozaukee, Sheboygan, Washington, and Waukesha. Chas. E. Armin, Dem., 13,233; Samuel Barney, Rep., 17,056; W. B. Rubin, Pop., 997; W. R. Nethercut, Pro., 424; George Eckelman, Soc Dem., 892; A. F. Hintz, Soc. L., 342. Barney's plurality, 3,823.

VI. Counties of Calumet, Fond du Lac, Green Lake, Manitowoc, Marquette, Waushara, and Winnebago. Frank C. Stewart, Dem., 16,679; James H. Davidson, Rep., 20,107; W. H. Clark, Pro., 738. Davidson's plurality, 3,428.

VII. Counties of Buffalo, Eau Claire, Jackson, La Crosse, Monroe, Pepin, and Trempealeau. John F. Doherty, Dem., 8,128; John J. Esch, Rep., 16,136; L. W. Wood, Pro., 689. Esch's plurality, 8,008.

VIII. Counties of Brown, Door, Kewaunee, Outagamie, Portage, Waupaca, and Wood. Phil. Sheridan, Dem., 13,668; Edward S. Minor, Rep., 16,910; J. W. Evans, Pro., 629. Minor's plurality, 3,242.

IX. Counties of Ashland, Clark, Florence, Forest, Iron, Langlade, Lincoln, Marathon, Marinette, Oconto, Oneida, Price, Shawano, Taylor, and Vilas. Wells M. Ruggles, Dem., 14,371; Alexander Stewart, Rep., 20,825; Ed. Kerswill, Pro., 663. Stewart's plurality, 6,454.

X. Counties of Barron, Bayfield, Burnett, Chippewa, Douglas. Dunn, Pierce, Polk, Sawyer, St. Croix, and Washburn. John R. Mathews, Dem., 8,436; John J. Jenkins, Rep., 17,601; C. Pieper, Pop., 864; W. B. Hopkins, Pro., 969. Jenkins' plurality, 9,165.

PRESENT STATE GOVERNMENT.

Governor, Edward Scofield; Lieutenant-Governor, Jesse Stone; Secretary of State, W. H. Froehlich; Treasurer, J. O. Davidson; Attorney-General, E. R. Hicks; Superintendent of Education, L. D. Harvey; Insurance Commissioner, E. Giljohan; Railroad Commissioner, Graham L. Rice—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John B. Cassoday, Rep.; Associate Justices, John B. Winslow, Dem.; C. V. Bardeen, Rep.; J. E. Dodge, Dem., and Roujet D. Marshall, Rep.; Clerk, Clarence Kellogg.

STATE LEGISLATURE, 1899.

	Senate.	*Assembly.*	*Joint Ballot.*
Democrats	2	19	21
Republicans	31	81	112
Republican majority	29	62	91

VOTE OF THE STATE SINCE 1872.

	Dem.	*Rep.*	*Gr.*	*Pro.*	*Plu.*
1872. President.	86,477	104,988	....	....	18,511 R
1876. President.	128,919	130,069	1,506	....	6,150 R
1879 Governor.	75,030	100,535	12,996	....	25,505 R
1880. President.	114,634	144,397	7,980	....	29,763 R
1881. Governor.	69,797	81,754	7,002	13,235	11,957 R
1884. President.	146,459	161,157	4,598	7,656	14,698 R
1886. Governor.	114,529	133,274	21,467	17,089	18,718 R
			U. Lab.		
1888. President.	155,232	176,553	8,552	14,277	21,321 R
1890. Governor.	160,388	132,068	5,447	11,246	28,320 D
			Pop.		
1892. President.	177,335	170,791	9,909	13,132	6,544 D
1894. Governor.	142,250	196,150	25,604	11,240	53,900 R
1895. Sup. Court	116,024	106,935	....	....	9,089 D
			N. D		
1896. President.	165,523	268,135	4,584	7,509	102,612 R
			Pop.		
1898. Governor.	135,353	173,137	8,577	8,078	37,784 R

ELECTION RETURNS—*Continued.*

WYOMING.

Counties. (13.)	Governor, 1898. Alger, Dem.	Richards, Rep.	Viall, Pop.	President, 1896. Bryan, Dem. & Pop.	McKinley Rep.	Levering, Pro.
Albany	877	1,136	9	1,073	1,220	26
Big Horn	421	588	8	591	538	15
Carbon	886	1,221	7	1,080	1,229	11
Converse	464	583	1	459	585	12
Crook	392	591	167	563	524	6
Fremont	454	586	4	523	535	7
Johnson	355	363	11	467	284	1
Laramie	1,574	1,520	10	1,628	1,776	16
Natrona	305	418	..	327	392	2
Sheridan	900	607	164	1,104	877	12
Sweetwater	669	810	25	996	754	16
Uinta	1,411	1,427	21	1,726	907	6
Weston	281	529	4	228	451	6
Total	8,989	10,383	431	10,655	10,072	136
Plurality	..	1,394	..	583	..	..
Per cent.	45.39	52.43	2.18	51.06	48.29	0.60
Whole vote.		19,803			20,863	

Bryan's Democratic vote in 1896 was 10,369; his Populist vote, 286.

The vote for Governor in 1894 was: Holliday, Dem., 6,965; Richards, Rep., 10,149; Tidball, Pop., 2,176. Richards' plurality, 3,184.

The vote for Governor in 1892 was: Osborne, Dem. and Pop., 8,442; Ivinson, Rep., 7,446; Brown, Pro., 416. Osborne's plurality, 1,691.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.

C. P. Arnold, Dem., 8,466; F. W. Mondell, Rep., 10,762; W. Brown, Pop., 443. Mondell's plurality, 2,296.

WYOMING—*Continued.*

PRESENT STATE GOVERNMENT.

Governor, De Forest Richards; Secretary of State, F. Chatterton; Treasurer, G. E. Abbott; Auditor, Leroy Grant; Adjutant-General, Frank A. Stitzer; Attorney-General, J. A. Van Orsdel; Superintendent of Education, T. T. Tynan—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, C. N. Potter, Rep.; Associate Justices, Samuel T. Corn, Dem., and Jesse Knight, Rep.; Clerk, R. C. Morris.

STATE LEGISLATURE, 1899.

	Senate.	*House.*	*Joint Ballot.*
Democrats	6	3	9
Republicans	13	35	48
Republican majority	7	32	39

VOTE OF THE TERRITORY AND STATE SINCE 1878.

	Dem.	*Rep.*	*Pop.*	*Scat.*	*Maj.*
1878. Congress	2,769	3,848	....	....	1,079 R
1880. Congress	3,907	3,760	....	....	147 D
1882. Congress	5,813	4,702	....	....	1,111 D
1884. Congress	5,586	7,225	....	....	1,639 R
1886. Congress	....	8,259	....	1,113	7,146 R
1888. Congress	7,557	10,451	....	....	2,894 R
1890. Governor	7,153	8,879	....	....	1,726 R
				Pro.	
1892. President	....	8,454	7,722	530	732 R
	D.-P.				
1892. Governor	8,442	7,446	....	416	1,691 D.P
					Plu.
1894. Governor	6,965	10,149	2,176	....	3,184 R
1896. President	10,655	10,072	....	136	583 D
1898. Governor	8,989	10,383	431	....	1,394 R

Federal Officers in New York City.

CUSTOM-HOUSE.—Wall, corner William Street.

Collector.—Geo. R. Bidwell.

Chief Clerk of Customs and Special Deputy Collector.—Joseph J. Couch ($5,000).

Deputy Collectors.—Frank Raymond, John Quackenbush, James A. Cryan, Dudley F. Phelps, Randolph H. Brown, Charles A. King, H. L. Swords, and H. E. Esterbrook ($3,000 each).

Cashier.—Jeremiah M. Wood ($4,500), William Street, corner Exchange Place.

Acting Disbursing Agent.—Samuel W. Thompson ($4,000).

Auditor.—Josiah S. Knapp ($4,000).

Naval Officer.—Robt. A. Sharkey ($8,000), 22 Exchange Place.

Comptroller.—H. W. Gourley ($3,000).

Surveyor.—Silas C. Croft ($8,000) William, corner Wall Street.

Deputy Surveyors.—Daniel Dowling, T. F. Reed, John Steibling ($2,500 each).

Appraiser.—Wilbur F. Wakeman ($6,000), Christopher and Greenwich Streets.

Assistant Appraisers.—G. W. Wanmaker, J. H. Brewer, Warner Sherwood, Edwin A. Hartshorn, Lyman B. Carhart, Jos. P. Skillman, Alex. Hamill, Michael Nathan, Harvey T. Andrews, Thos. C. Worden ($3,000 each).

BOARD OF U. S. GENERAL APPRAISERS.—641 Washington Street.

President, Chas. H. Ham; G. C. Tichenor, H. M. Somerville, J. A. Jewell, T. S. Sharretts, W. F. Lunt, W. B. Howell, I. F. Fischer, one vacancy*—($7,000 each). * President McKinley has sent the name of W. D. Bynum to the Senate to fill vacancy.

SUB-TREASURY.—Wall, corner Nassau Street.

Assistant Treasurer.—Conrad N. Jordan ($8,000).

Deputy Assistant Treasurer and Cashier.—Maurice L. Muhleman ($4,200).

Assistant Cashier.—George W. Marlor ($3,600).

Assistant Cashier.—Edward W. Hale ($3,200).

POST-OFFICE.—B'way and Park Row. See Index.

U. S. ASSAY OFFICE.—30 Wall Street.

Superintendent.—Andrew Mason ($4,500).

Assayer.—Herbert G. Torrey ($3,000).

Melter and Refiner.—Benjamin T. Martin ($3,000).

INTERNAL REVENUE OFFICERS.

(Compensation of Collectors not to exceed $4,500 a year for each district.)

Second District.—1st, 2d, 3d, 4th, 5th, 6th, 8th, 9th, 15th, and parts of the 14th, and 16th Wards, Chas. H. Treat, *Collector*, 150 Nassau Street.

Third District.—7th, 10th, 11th, 12th, 13th, 17th, 18th, 19th, 20th, 21st, 22d, and parts of 14th and 16th Wards, Ferd. Eidman, *Collector*, 47 E. 23d Street.

Brooklyn Borough.—First District.—Embracing all of Long Island and Richmond Borough (Staten Island), Frank R. Moore, *Collector*, Post-Office Building, Brooklyn Borough.

NATIONAL BANK EXAMINER.—45 B'way.

Examiner.—William H. Kimball (fees).

PENSION AGENCY.—398 Canal Street.

Pension Agent.—Michael Kirwin.

COMMISSIONER OF IMMIGRATION.—Ellis Island.

Commissioner.—Thos. J. Fitchie ($6,000).

Assistant Commissioner.—Edward F. McSweeney ($4,000).

SHIPPING COMMISSIONER.—4 Bridge Street.

Commissioner.—Joseph M. Dickey ($4,000).

Deputy.—James P. Keenan ($2,000).

LAW COURTS.—See Index.

WEATHER BUREAU.—100 Broadway.

Local Forecast Official.—Eben H. Emery.

STEAM VESSELS' INSPECTORS.—P. O. Bldg.

Supervising Inspector.—Geo. H. Starbuck ($3 000)

Local Inspectors—Peter C. Petrie and Thomas H Barrett ($2,500 each).

U. S. LIFE-SAVING STATIONS.—17 State Street.

Inspector.—C. A. Abbey.

LIST OF OFFICIALS AND SALARIES.

Mayor.—Robert A. Van Wyck ($15,000).
Secretary.—A. M. Downes, 6 City Hall ($5,000).
Chief Bureau of Licenses.—David J. Roche ($2,800), 1 City Hall.
Deputy.—Geo. W. Brown, Jr. ($2,000).

Borough Presidents.

Manhattan Borough.—James J. Coogan, 10 City Hall ($5,000); Ira E. Rider, *Secretary.*
Bronx Boro.—L. F. Haffen ($5,000), 3d Ave. and 177th St.
Brooklyn Boro.—E. M. Grout ($5,000), 1 Boro. Hall.
Queens Boro.—Fredk. Bowley ($3,000), L. I. City.
Richmond Borough.—George Cromwell ($3,000), New Brighton.

Council.

President.—Randolph Guggenheimer ($5,000).
Vice-President.—John T. Oakley. *City Clerk.*—P. J. Scully ($7 000). *Deputy.*—N. J. Hayes ($5,000).
Deputy for Brooklyn Borough.—Jos. V. Scully.
DISTRICTS AND COUNCILMEN. (SALARY, $1,500.)
Manhattan Borough.—1, Thos. F. Foley, John T. Oakley, Martin Engel; 2, Frank J. Goodwin, Geo. M. Mumdorf, Patrick J. Ryder; 3, Harry C. Hart, Geo. B. Christman, John J. Murphy; 4, Eugene A. Wise, Stewart M. Brice, Herman Sulzer.
Bronx Borough.—5, Wm. J. Hyland, Adolph C. Hottenroth, Bernard C. Murray.
Brooklyn Borough.—6, Chas. H. Francisco, Francis F. Williams, Conrad H. Hester; 7, Adam H. Leich, Henry French, Chas. H. Ebbets; 8, John J. McGarry, Wm. A. Doyle, Martin F. Conly.
Queens Borough.—9, David L. Van Nostrand, Joseph Cassidy.
Richmond Borough.—10, Joseph F. O'Grady, Benj. J. Bodine.

Aldermen.

President.—Thos. F. Woods. *Vice-President.*—Wm. H. Gledhill. *Clerk.*—Michael F. Blake ($5,000).
BOROUGHS AND DISTRICTS. (SALARY, $1,000.)
Manhattan Borough.—1, Michael Kennedy; 2, Jeremiah Cronin; 3, Joseph E. Welling; 4, Isaac Marks; 5, Joseph A. Flinn; 6, Frederick F. Fleck; 7, Chas. Culkin; 8, Max J. Forges; 9, Frank L. Dowling; 10, Henry W. Wolf; 11, Wm. H. Gledhill; 12, Jas. J. Smith; 13, Chas. Metzger; 14, John T. McMahon; 15, Robert Muh; 16, Emil Newfeld; 17, John J. Tuomey; 18, Jas. E. Gaffney; 19, David M. Holmes; 20, Thos. F. Woods; 21, Armitage Mathews; 22, Michael Ledwith; 23, Henry J. Rottmann; 24, Frank Dunn; 25, Herbert Parsons; 26, E. F. McEneaney; 27, Jos. Oatman; 28, John T. McCall; 29, Louis F. Cardani; 30, George A. Burrell; 31, Elias Goodman; 32, Wm. F. Schneider, Jr.; 33, Thomas F. McCaul; 34 (Manhattan and Bronx Boroughs), L. W. McGrath.
Bronx Borough.—35th District, Henry Geiger; part 1st and 2d Assembly District, Westchester County, Frank Gass.
Brooklyn Borough (Assembly Districts).—1, Robert F. Downing; 2, James J. Bridges; 3, Moses J. Wafer; 4, William H. C. Delano; 5, Peter Holler; 6, John Diemer; 7, Wm. Keegan; 8, Francis P. Kenny; 9, Frank Hennessy; 10, F. J. Byrne; 11, S. W. McKeever; 12, Earnest A. Seebeck, Jr.; 13, Owen J. Murphy; 14, Patrick S. Keely; 15, Jacob J. Velten; 16, Wm. Wentz; 17, John Wirth; 18, James H. McInnes; 19, Bernard Schmitt; 20, Alex. F. Wacker; 21, Charles Alt.
Richmond Borough.—John J. Vaughan, Jr.
Queens Borough.—Long Island City and Newtown, Joseph Geiser; Jamaica and Flushing, and that part of town of Hempstead in New York City, Luke Otten.

Coroners.—(Criminal Court Building.)
Manhattan Borough.—E. T. Fitzpatrick, J. E. Bausch, E. W. Hart, Antonio Zucca.
Bronx Boro.—A. McOwen and T. M. Lynch.
Brooklyn Boro.—A. J. Burger and G. W. Delap.
Queens Borough.—Philip T. Cronin, Samuel S. Guy, Jr., Leonard Rouff, Jr., Jamaica, L. I.
Richmond Boro.—J. Seaver and G. C. Tranter.

Department of Finance.—Stewart Building.
Comptroller.—Bird S. Coler ($10,000).
Deputy.—Michael T. Daly ($7,500).
Assistant Deputy.—Edgar J. Levey ($5,250).
First Auditor of Accounts.—John F. Gouldsbury 21 Stewart Building ($3,750).
Collector of Assessments and Arrears.—Edward Gilon, 35 Stewart Building ($4,000).
Receiver of Taxes.—David E. Austen, 57 Chambers Street ($5,000). *Deputy.*—J. J. McDonough.
Brooklyn Borough.—*Auditor.*—Wm. McKinny.
Deputy Receiver of Taxes:—James B. Bouck.
Collector of Assessments and Arrears.—Michael O'Keeffe.
Richmond Borough.—*Auditor.*—Walter H. Holt.
Deputy Receiver of Taxes.—Matthew S. Tully. *Collector Assessments and Arrears.*—George Brand.
Collector of City Revenue and Superintendent of Markets.—David O'Brien (Manhattan), ($4,000).
City Paymaster.—John H. Timmerman, 65 Reade Street ($4,000).
CITY CHAMBERLAIN.—Patrick Keenan, 27 Stewart Building ($12,000).
Deputy.—John H. Campbell ($5,000).

Commissioners of the Sinking Fund.—Mayor, Comptroller, Chamberlain, President of the Council, Chairman Finance Committee, Board of Aldermen.

Kings County Treasurer's Office.

County Treasurer.—John W. Kimball ($5,000).
Deputy.—Thos. F. Farrell ($3 600).

Board of Public Improvements.—13 to 21 Park Row.
President.—Maurice F. Holahan ($8,000).
Secretary.—John H. Mooney ($5,000).
Com. of Highways.—J. P. Keating ($7,500).
Deputies.—W. N. Shannon (Manhattan), T. R. Farrell (Brooklyn), J. H. Maloney (Bronx), J. P. Madden (Queens), ($5,000 each).
Com. of Sewers.—James Kane ($7,500).
Deputies.—M. F. Donohue (Manhattan), T. J. Byrnes (Bronx), Wm. Brennan (Brooklyn), M. J. Goldner (Queens), H. P. Morrison (Richmond).
Com. of Bridges.—J. L. Shea ($7,500).
Deputies.—T. H. York (Manhattan), M. H. Moore (Bronx), H. Beam (Brooklyn), J. E. Backus (Queens).
Com. of Water Supply—W. Dalton $7,500).
Deputies.—T. J. Mulligan (Bronx), J. H. Haslin (Manhattan), James Moffett (Brooklyn), William Rasquin, Jr. (Queens), H. P. Morrison (Richmond).
Commissioner of Street Cleaning—James McCartney ($7,500).
Deputies.—F. M. Gibson (Manhattan), P. H. Quinn (Brooklyn), J. Liebertz (Bronx), J. P. Madden (Queens).
Commissioner of Public Buildings, Lighting, and Supplies.—Henry S. Kearny ($7,500).
Deputies.—P. J. Dooling (Manhattan), George Best (Bronx), James J. Kerwin (Brooklyn), Joel Fowler (Queens), E. I. Miller (Richmond).

Department of Police.

Central Office and Bureau of Elections, 300 Mulberry Street. House for Detention of Witnesses, 203 Mulberry Street.
Commissioners.—B. J. York, *President;* John B. Sexton, Jacob Hess, H. E. Abell ($5,000 each).
Chief of Police.—Wm. S. Devery ($6,000).
Deputies.—Wm. W. McLaughlin (Manhattan), M. W. Cortright (Manhattan and Bronx), John MacKellar (Brooklyn), P. H. McLaughlin (Brooklyn), Elias P. Clayton (Queens).
Inspectors.—Nicholas Brooks, John J. Harley, A. A. Cross, W. L. Thompson, J. H. Grant, Geo. H. Rhodes, John Brennan, Thos. Murphy, Donald Grant, James Kane ($3,500 each).
Chief Clerk.—William H. Kipp ($5,000).
Supt. of Elections.—T. F. Rodenbaugh ($6,000).

Department of Health.—S. w. cor. 55th St. and 6th Ave.
President and Commissioners.—Michael C. Murphy ($7,500), William T. Jenkins ($6,000), John B. Cosby ($6,000), the President of Police Board and Health Officer of Port of New York *ex officio.*
Secretary.—Emmons Clark.

Law Department.—Tryon Row.
Corporation Counsel.—John Whalen ($15,000).
Assistants.—Theodore Connoly, W. W. Ladd, Jr., Chas. Blandy, Terrence Farley, H. Steinert, T. J. Creamer, and C. D. Olendorf ($7,500 each).
Assistant Corporation Counsel for Brooklyn Boro.—William J. Carr.
Bureau of Street Openings.—90 W. Broadway.

Department of Fire.—157 E. 67th St.
Commissioner—John J. Scannell ($7,500).
Deputy for Brooklyn and Queens Boroughs.—James H. Tully ($5,000).
Chief of Department.—Edward F. Croker ($6,000).
Deputy Chief.—Jas. Dale (Brooklyn & Queens).
Fire Marshal.—Peter Seery (Manhattan, Bronx, and Richmond); Alonzo Brymer (Brooklyn and Queens) ($3,000).
Secretary.—A. T. Docharty.

Department of Parks.—Arsenal, Central Park.
President, and Commissioner of Manhattan and Richmond Boroughs.—George C. Clausen ($5,000).
Commissioner of Brooklyn and Queens Boroughs.—George V. Brower ($5,000).
Commissioner of Bronx Boro.—A. Moebus ($5,000).
Secretary.—Willis Holly.

Department of Buildings.
220 Fourth Avenue and 2775 Third Avenue.
President, and Commissioner of Manhattan and Bronx Boroughs.—Thomas J. Brady ($7,000).
Secretary.—Alfred J. Johnson.
Commissioner of Brooklyn Borough.—John Guilfoyle, Borough Hall ($7,000).
Commissioner of Richmond and Queens Boroughs.—Daniel Campbell ($3,500).

Department of Taxes and Assessments.—280 Broadway.
President.—Thomas L. Feitner ($8,000); Edward C. Sheehy, Arthur C. Salmon, Thomas J. Patterson, and Ferdinand Levy, Commissioners ($7,000 each).

Department of Charities.—Foot E. 26th St.
President, and Commissioner of Manhattan and Bronx Boroughs.—John W. Keller ($7,500).
Deputy.—Thos. S. Brennan.
Commissioner of Brooklyn and Queens Boroughs.—A. Simis, Jr. ($7,500). *Deputy.*—Edward Glinnen.
Commissioner of Richmond Borough.—James Feeney ($2,500).

Department of Correction.—148 E. 20th St.
Commissioner.—Francis J. Lantry ($7,500).
Deputies.—N. O. Fanning (Manhattan and Bronx Boroughs), John M. Gray (Brooklyn and Queens Boroughs) ($5,000 each).

Department Docks and Ferries.—Pier A, N.R.
President.—J. Sergeant Cram ($6,000).
Commissioners.—Peter F. Meyer ($5,000), Charles F. Murphy ($5,000). *Secretary.*—Wm. H. Burke.

Commissioner of Jurors.—127 Stewart B'ld'g. Chas. Welde (Manhattan and Bronx). ($5,000).
Special Commissioner.—H. W. Gray, 111 5th Ave.

Commis'rs of Accounts.—115 Stewart B'ld'g. John C. Hertle and Edward Owen ($5,000 each).

Civil Service Commissioners.
Criminal Court Building.
Charles H. Knox, Alexander T. Mason, William N. Dykman (no salary).
Secretary.—Lee Phillips ($6,000).

Bureau Municipal Statistics.—13 Park Row.
Chief.—John T. Nagle ($3,500).
Commissioners.—Frederick W. Grube, Richard T. Wilson, Jr., Julius G. Kugelman, E. Harvier, Antonio Rasines, J. E. Jetter (no salary).

Public Administrator.—119 Nassau Street.
Wm. M. Hoes ($6,000). F. W. Arnold, *Asst.*
Chief Clerk.—Robert D. Bronson ($2,200).

Board of Education.—146 Grand Street.
President.—Joseph J. Little.
Secretary.—A. Emerson Palmer.
Borough Superintendent.—John Jasper ($7,500).
School Board Brooklyn Boro.—Charles E. Robertson, Pres.; George G. Brown, Sec.
School Board Queens Boro.—F. De Haas Simonson, Pres.; J. H. Fitzpatrick, Sec. (Flushing, L. I.)
School Board Richmond Boro.—John T. Burke, Pres.; F. C. Vitt, Sec. (Stapleton, S. I.)
Acting Secretary to School Board.—T. E. Bussey.
(For members of Board of Education, see Index.)

Board of Estimate and Apportionment.—Stewart Building, 280 Broadway.
Members.—The Mayor, *Chairman;* the President Department of Taxes, Secretary; the Comptroller, President of the Council, and Corporation Counsel (no salary). *Clerk.*—Charles V. Adee.

Rapid Transit Railroad Commissioners.—32 Nassau St.
Alexander E. Orr, *President;* Woodbury Langdon, Morris K. Jesup, Geo. L. Rives, J. H. Starin, Charles S. Smith. The Mayor and Comptroller *ex officio.* Commissioner's compensation is fixed by the Appellate Division of the Supreme Court.
Secretary.—Bion L. Burroughs ($2,500).

City Record.—2 City Hall.
Supervisor.—William A. Butler ($5,000).
Deputy Supervisor.—Solon Berrick ($2,500).

Aqueduct Commissioners.—280 Broadway.
Mayor, Comptroller, Commissioner of Public Works *ex officio.*
Commissioners.—Maurice J. Power, John J. Ryan, Wm. H. Ten Eyck, John P. Windolph ($5,000 each).
Secretary.—H. W. Walker ($4,000).

Board of Assessors.—320 Broadway.
Assessors.—E. Cahill, F. A. Wilson, J. B. Meyenborg, E. McCue, and P. M. Haverty ($3,000 each).
Secretary.—William H. Jasper ($4,000).

New East River Bridge Commission.—49 Chambers St.
Lewis Nixon, Pres.; J. W. Boyle, Vice-Pres.; Jas. D. Bell, Sec.; J. D. Fairchild, Treas.; J. W. Weber, S. E. Lane, and the Mayor, Commissioners.
Chief Engineer's Office, 84 Broadway, Brooklyn.

COUNTY OFFICERS.

County Clerk (Court House).—William Sohmer ($15,000). *Deputy.*—George H. Fahrbach ($6,000).
Kings County Clerk (Hall of Records, Brooklyn).—Peter P. Huberty (fees). *Deputy.*—W. J. Lynch.
Sheriff (32 Chambers St.).—Wm. F. Grell ($12,000 and half the fees).
Under Sheriff.—Henry P. Mulvany ($5,000).
Deputies.—J. J. Murray, Andrew Roberts, T. J. O'Donnell, Silas Strauss, T. Halligan, Alex. J. Ahearn, Louis Leavitt, Frank Rinn, Thomas Radley, James Carraher, F. Walgering, and F. J. Burns ($2,500 each).
Warden of County Jail.—Pat'k H. Pickett ($3,000).
Sheriff Kings County (Court House, Brooklyn).—William Walton (fees). *Under Sheriff.*—J. Dunne.
Deputy Sheriffs.—Jas. O'Donnell, J. McCready, J. J. Bradley, Wm. Cunningham, J. P. Beardall.
Warden.—Richard Bergen.
Sheriff Queens County (Long Island City).—Wm. C. Baker (fees).
Sheriff Richmond County (Richmond, S. I).—Augustus Acker ($6,000).
Register (City Hall Park).—I. Fromme ($12,000).
Deputy.—John Von Glahn ($5,000).
Register Kings County (Hall of Records, Brooklyn).—James R. Howe (fees).
Deputy.—Warren C. Tredwell ($5,000).
Commissioner of Records (Hall of Records, Brooklyn).—George E. Waldo ($5,000).
Deputy.—Frank M. Thorburn.

STATE OFFICERS.

EXCISE DEPARTMENT.—1 Madison Avenue.
Special Deputy Commissioners.—George Hilliard (N. Y. County) ($4,000), H. W. Michell (Kings County), Geo. L. Nichol (Richmond County).
STATE BUREAU OF ELECTIONS.—585 B'way.
Superintendent.—John McCullagh.
Chief Deputy.—Clarence V. C. Van Deusen.
QUARANTINE COMMISSIONERS.—11 B'way.
Commissioners.—Edmund J. Palmer, *President;* Frederick H. Schroeder, *Treas.;* Hugh McRoberts ($2,500 each).
Health Officer.—Alvah H. Doty, M. D. ($12,500).
Secretary.—Charles F. Bruder.
PILOT COMMISSIONERS.—17 State Street.
Commissioners.—A. F. Higgins, J. H. Winchester, W. B. Hilton, Thomas P. Ball, W. I. Comes.
Secretary.—Daniel A. Nash.
PORT WARDENS.—1 Broadway.
Wardens.—Hiram Calkins, *President;* Isaac W. Edsall, Robert B. Miller, John H. Boland, Wilbur W. Capron, William O'Connor, Robert M. Johnston, John H. Gunner, and Jas. E. March (fees).
Secretary.—A. W. Dodge.
STATE TAX DEPARTMENT.—84 Pulitzer Building. *Commissioner.*—Chas. S. Wilber.

APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT, MADISON AVENUE AND 25TH STREET.

Salary of Supreme Court Justices, $17,500.

Justices.	Terms Expire.	Justices.	Terms Expire.
Charles H. Van Brunt, *Pres. Justice.*	Dec. 31, 1911	George L. Ingraham	Dec. 31, 1905
George C. Barrett	Dec. 31, 1910	Chester B. McLaughlin	Dec. 31, 1909
Edward Patterson	Dec. 31, 1900	William Rumsey	Dec. 31, 1908
Morgan J. O'Brien	Dec. 31, 1901		

Court opens at 1 P. M. *Clerk*—Alfred Wagstaff, salary, $5,000.

AN APPELLATE TERM to hear appeals from the City and the Municipal Courts will sit in the County Court-House. This court is presided over by Justices Beekman, Giegerich, and O'Gorman, and Justices Truax, Scott, and Dugro.

SUPREME COURT—SPECIAL AND TRIAL TERMS.

Name.	Office.	Term Expires.	Name.	Office.	Term Expires.
Abraham R. Lawrence	Justice	Dec. 31, 1901	James Fitzgerald	Justice	Dec. 31, 1912
Francis M. Scott	"	" 31, 1911	Leonard A. Giegerich	"	" 31, 1906
Frederick Smyth	"	" 31, 1910	David Leventritt	"	" 31, 1912
Charles F. MacLean	"	" 31, 1910	John J. Freedman	"	" 31, 1904
Charles H. Truax	"	" 31, 1910	P. Henry Dugro	"	" 31, 1900
George P. Andrews	"	" 31, 1912	David McAdam	"	" 31, 1904
Miles Beach	"	" 31, 1907	Henry A. Gildersleeve	"	" 31, 1905
James A. O'Gorman	"	" 31, 1913	Henry R. Beekman	"	" 31, 1908
Henry Bischoff, Jr.	"	" 31, 1903			

Clerk.—County Clerk William Sohmer, *ex officio.* *Deputy Clerk.*—G. H. Fahrbach.

SURROGATES' COURT.—County Court-House. The Surrogates are elected for a term of fourteen years at an annual salary of $15,000.

Name.	Office.	Term Expires.
Abner C. Thomas	Surrogate	Jan. 1, 1914
F. T. Fitzgerald	"	" 1, 1907

Chief Clerk.—William V. Leary; salary, $8,500.

CITY COURT.—City Hall.

The Judges are elected for a term of six years at an annual salary of $10,000.

Name.	Office.	Term Expires.
J. M. Fitzsimons	Chief Judge	Dec. 31, 1905
Lewis J. Conlan	Judge	" 31, 1905
J. P. Schuchman	"	" 31, 1901
Edw'd F. O'Dwyer	"	" 31, 1903
J. H. McCarthy	"	" 31, 1903
Theo. F. Hascall	"	" 31, 1901

Clerk.—Thos. F. Smith; salary, $4,500.
Deputy.—Edward H. Piepenbring; salary, $3,000.

COURT OF ARBITRATION OF THE CHAMBER OF COMMERCE OF THE STATE OF NEW YORK.—32 Nassau St. and 229 Broadway.

Arbitrator.—Enoch L. Fancher.

Clerk.—George Wilson.

This court was established by act of the Legislature. Sessions are held at the rooms of the Chamber of Commerce, No. 32 Nassau St., and at the office of the Arbitrator, No. 229 Broadway, for the hearing and prompt settlement of controversies, disputes, and matters of difference arising among merchants, shipmasters, and others within the Port of New York. The privileges of this court are confined to no class, and the general public can submit their controversies to it for settlement.

MUNICIPAL COURTS IN MANHATTAN AND BRONX BOROUGHS.

The Justices are elected for a term of ten years at an annual salary of $6,000. The Clerks are appointed by the Justices for six years, and receive annual salaries of $3,000.

First District.—Third, Fifth, and Eighth Wards, and all that part of First Ward lying west of Broadway and Whitehall Street, including Governor's Island, Liberty Island, Ellis Island, and the Oyster Islands; New Court-House, No. 128 Prince Street; Daniel E. Finn, *Justice;* Frank L. Bacon, *Clerk.*

Second District.—All that part of First Ward east of Broadway and Whitehall Street, Second, Fourth, Sixth, and Fourteenth Wards; corner Grand and Centre Streets; Herman Bolte, *Justice;* Francis Mangin, *Clerk.*

Third District.—Ninth and Fifteenth Wards; Sixth Avenue, corner West Tenth Street; William F. Moore, *Justice;* Daniel F. Williams, *Clerk.*

Fourth District.—Tenth and Seventeenth Wards; 30 First Street; George F. Roesch, *Justice;* John E. Lynch, *Clerk.*

Fifth District.—Seventh, Eleventh, and Thirteenth Wards; 154 Clinton Street; Benjamin Hoffman, *Justice.*

Sixth District.—Eighteenth and Twenty-first Wards; cor. 23d St. and Second Avenue; Daniel F. Martin, *Justice;* Abram Bernard, *Clerk.*

Seventh District.—Nineteenth Ward; 151 East Fifty-seventh Street; Herman Joseph, *Justice;* Patrick McDavitt, *Clerk.*

Eighth District.—Sixteenth and Twentieth Wards; 269 Eighth Avenue; Joseph H. Stiner, *Justice;* Thomas Costigan, *Clerk.*

Ninth District.—All of the Twelfth Ward north of East Eighty-sixth Street, east of Lenox Avenue, and north of West One Hundred and Tenth Street; 17 East One Hundred and Twenty-first Street; Joseph P. Fallon, *Justice;* William J. Kennedy, *Clerk.*

Tenth District.—Twenty-second Ward and all of the Twelfth Ward south of West One Hundred and Tenth Street and west of Sixth Avenue; 314 West Fifty-fourth Street; Thomas E. Murray, *Justice;* James J. Galligan, *Clerk.*

Eleventh District.—Northern part of Twelfth Ward, Court-room, corner One Hundred and Twenty-sixth Street and Columbus Avenue; Francis J. Worcester, *Justice;* Adolphe N. Du Mahaut, *Clerk;* Robt. Andrews, *Asst. Clerk.*

BRONX BOROUGH—First District.—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by Chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester, and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main St., Westchester, New York City; Wm. W. Penfield, *Justice;* John N. Stewart, *Clerk.*

BRONX BOROUGH.—Second District.—Twenty-third and Twenty-fourth Wards; East One Hundred and Fifty-eighth Street, corner Third Avenue; John M. Tierney, *Justice;* Howard Spear, *Clerk.*

MANHATTAN AND BRONX BOROUGHS.

PART 1, TRIAL TERM, SUPREME COURT (the Criminal Term of the Court for the trial of indictments), held by a Justice of the Supreme Court in the Criminal Court Building.

GENERAL SESSIONS (Parts 1, 2, 3, and 4).—In the Criminal Court Building, Centre and Franklin Streets. Held by the City Judge (Chief Justice), the Judges of the Court of General Sessions, and the Recorder.

The City Judge and the Judges of the General Sessions receive an annual salary of $12,000 each; all are elected for a term of fourteen years.

Name.	Office.	Term Expires.
John W. Goff	Recorder	Dec. 31, 1908
Rufus B. Cowing	City Judge	" 31, 1906
Joseph E. Newburger	Judge of Sessions	" 31, 1909
Martin T. McMahon	" "	" 31, 1909
Warren W. Foster	" "	" 31, 1913

Clerk of Part 1, *Trial Term, Supreme Court, and of the Court of General Sessions* (office in the Criminal Court Building).—Edward R. Carroll.

DISTRICT ATTORNEY'S OFFICE.—Criminal Court Building, Centre and Franklin Streets. The salary of the District Attorney is $12,000 per annum; assistants to District Attorney, $7,500: deputy assistants' salaries vary.

Name.	Office.	Name.	Office.	Name.	Office.
Asa Bird Gardiner	Dist. At.	James L. Gordon	Deputy.	Robertson Honey	Deputy.
John F. McIntyre	Asst.	Moses Herrman	"	John J. Connell	"
James W. Osborne	"	Forbes J. Hennessy	"	Michael J. Sullivan	"
Henry W. Unger	"	John F. Cowan	"	Cornelius F. Collins	"
James D. McClelland	"	Gerald H. Gray	"	Keyran J. O'Connor	"
Stephen S. Blake	"	Chas. E. F. McCann	"	John Schwarzkoph	"
James J. Walsh	"	Thomas F. Byrne	"	Henry J. Goldsmith	"
Robert Townsend	"	Maurice B. Blumenthal	"	James Dickson Carr	"
Chas. E. Le Barbier	"	Daniel O'Reilly	"		

DISTRICT ATTORNEY'S OFFICE (Kings County).—*District Attorney*, John F. Clarke ($10,000); *First Assistant*, Robert H. Elder ($7,500); *Assistants*, Wm. C. Courtney ($6,000), Martin W. Littleton ($6,000), William Van Wyck, Frank X. McCaffry, Robert H. Roy ($5,000 each); *Chief Clerk* Arthur H. Walkley ($3,500).

SPECIAL SESSIONS.

Criminal Court Building, Centre Street.

Name. (Salary, $9,000.)	Term Expires.
Judge Elizur B. Hinsdale	July 1, 1905
" William Travers Jerome	" 1, 1903
" Ephraim A. Jacob	" 1, 1901
" John B. McKean	" 1, 1909
" William C. Holbrook	" 1, 1907

Court is open daily from 9 A. M. to 4 P. M.; Saturday, 9 A. M. to 12 M. William M. Fuller, *Clerk*. Salary, $4,000.

CITY MAGISTRATES.

Magistrates. (Salary, $7,000.)	Term Expires.
Joseph M. Deuel	July 1, 1902
Leroy B. Crane	" 1, 1902
Henry A. Brann	" 1, 1902
John O. Mott	" 1, 1905
Charles A. Flammer	" 1, 1905
Robert C. Cornell	" 1, 1905
W. J. Olmsted	May 1, 1907
Clarence W. Meade	" 1, 1907
Joseph Pool	" 1, 1907
Edward Hogan	July 1, 1909
John B. Mayo	" 1, 1909
Lorenz Zeller	" 1, 1909

Secretary, Ludwig F. Thoma.

MAGISTRATES' COURTS.

First District—Criminal Court Building, Centre and Franklin Streets; Second District—125 Sixth Avenue (Jefferson Market); Third District—69 Essex Street; Fourth District—151 East 57th Street; Fifth District—170 East 121st Street; Sixth District—East 158th Street, corner Third Avenue; Seventh District—54th Street, west of Eighth Avenue.

United States Courts in Manhattan Borough.

UNITED STATES CIRCUIT COURT OF APPEALS.—Post-Office Building. *Judges.*—Rufus W. Peckham, Circuit Justice; William J. Wallace, E. Henry Lacombe, and Nathaniel Shipman, Circuit Judges. *Clerk.*—William Parkin; salary, $3,000. *Term.*—Last Tuesday in October.

UNITED STATES CIRCUIT COURT.—Post-Office Building.

The Judges of the Federal Courts are appointed by the President, and confirmed by the United States Senate, for life.

Associate Justice of the United States Supreme Court and Judge of the Circuit Court.—Rufus W. Peckham; salary, $10,000.

Circuit Judges.—William J. Wallace, E. Henry Lacombe, and Nathaniel Shipman; salaries, $6,000 each.

Clerk.—John A. Shields; salary, $3,500

General Terms.—First Monday in April and third Monday in October.

Equity Term.—Last Monday in February.

Terms of Criminal Court.—Second Wednesdays in January, March, May, October, December, and third in June.

UNITED STATES DISTRICT COURT.—Post-Office Building.

Judge of the District Court.—Addison Brown; salary, $5,000.

Clerk.—Samuel H. Lyman.

Stated Term.—First Tuesday in every month.

Special Term.—Every Tuesday for return of process.

United States District Attorney.—Henry L. Burnett; salary, $6,000.

Assistant District Attorneys.—Henry C. Platt, Ernest E. Baldwin, Arthur M. King, D. Frank Lloyd, Clarence E. Houghton, Harry P. Disbecker, Charles D. Baker; salaries range from $1,800 to $3,600.

Marshal.—William Henkel; salary, $5,000.

Chief Deputy.—Denis Shea; salary, $2,750.

Commissioners.—John A. Shields, Samuel H. Lyman, Samuel R. Betts, Thomas Alexander, Henry P. Butler, Samuel M. Hitchcock, Ed. L. Owen, Enos N. Taft, Daniel B. Deyo, Lorenzo Semple, William D. Jones, William P. Prentice, James L. Williams, Jonathan Deyo.

In the following pages information of daily interest to citizens and visitors about the City of New York is given, the subjects, for convenience of reference, being arranged alphabetically. This information is of the date of January 1, 1900, but it must be borne in mind that changes in an active community like that of New York are continuously going on, and that accuracy in details can only be guaranteed for the date of issue of the Almanac.

Amusements.

OPERA HOUSES AND THEATRES IN MANHATTAN AND BRONX BOROUGHS.

Name.	Location.	Proprietors or Managers.	Seating Capacity.*	Prices of Admission. (Subject to Change.)	Performances Begin, P. M.
Academy of Music	E. 14th St. and Irving Place.	Gilmore & Tompkins	3,500	$1.50, 1.00, 75c., 50c	8.15, mat. 2.10.
American Theatre	8th Ave., near 42d St.	Geo. A. Kingsbury	2,000	1.00, 75c., 50c., 25c.	8.15, mat. 2.15.
Berkeley Lyceum	W. 44th St., near 5th Ave.	B. J. Bloodgood	550	Special each engagement	.....
Bijou Theatre	Broadway and 30th St.	Rudolph Aronson	1,200	$1.50, 1.00, 75c., 50c., 25c.	8.30.
Broadway Theatre	Broadway and 41st St.	Jacob Litt	1,800	1.50, 1.00, 75c., 50c	8.15.
Casino	Broadway and 39th St.	Geo. W. Lederer	1,800	2.00, 1.50, 1.00, 50c.	8.10, mat. 2.
Comique Theatre	Broadway and 29th St.	Leo Teller	1,000	1.50, 1.00, 75c., 50c., 25c.	8.15, mat. 2.15.
Criterion Theatre	Broadway and 44th St.	Charles Frohman	1,850	.....	8.30, mat. 2.15.
Daly's Theatre	Broadway and 30th St.	Daniel Frohman	1,100	2.00, 1.50, 1.00, 50c.	8.15, mat. 2.
Empire Theatre	Broadway and 40th St.	Charles Frohman	1,100	2.00, 1.50, 1.00, 50c.	8.15, mat. 2.15.
Fifth Avenue Theatre	Broadway and 28th St.	Edwin Knowles	1,500	2.00, 1.50, 1.00, 75c., 50c.	8, mat. 2.
Fourteenth St. Theatre	W. 14th St., near 6th Ave.	J. W. Rosenquest	1,500	1.50, 1.00, 75c., 50c., 25c.	8.15, mat. 2.
Garden Theatre	Madison Ave. and 27th St.	Charles Frohman	1,098	1.50, 1.00, 50c.	8.15, mat. 2.15.
Garrick Theatre	35th St., near 6th Ave.	Charles Frohman	800	2.00, 1.50, 1.00, 50c.	8.15.
Germania Theatre	E. 8th St., near Broadway	L. Hangen	1,113	1.00, 75c., 50c., 35c.	8.15.
Grand Opera House	W. 23d St. and 8th Ave.	Augustus Pitou	2,100	1.00, 75c., 50c., 25c.	8, mat. 2.
Harlem Opera House	W. 125th St., near 7th Ave.	A. Lichenstein	1,600	1.50, 1.00, 50c., 25c.	8.15, mat. 2.15.
Herald Square Theatre	Broadway and 35th St.	Charles E. Evans	1,200	1.00, 75c., 50c.	8.15, mat. 2.15.
Irving Place Theatre	E. 15th St. and Irving Pl.	H. Conried	1,196	2.00, 1.50, 1.00, 75c., 50c.	8.15, mat. 2.15.
Keith's Union Sq. Th.	E. 14th St., near Broadway.	B. F. Keith	1,200	50c., 25c.	12.30 to 10.30.
Knickerbocker The'tre	Broadway and 38th St.	Al. Hayman & Co.	1,564	2.00, 1.50, 1.00, 50c.	8.15, mat. 2.15.
Lexington Av. Op. H.	Lexington Ave., near 58th St.	M. Heumann	1,500	1.00, 75c., 50c., 25c.	8.
London Theatre	235 Bowery	Jas. H. Curtin	1,100	75c., 50c., 35c., 25c., 15c.	8.
Lyceum Theatre	4th Ave., near 23d St.	Daniel Frohman	650	2.00, 1.50, 1.00, 75c., 50c.	8.15, mat. 2.
Madison Sq. Theatre	24th St., near Broadway	Charles Frohman	646	2.00, 1.50, 1.00, 75c., 50c.	8.30, mat. 2.15.
Manhattan Theatre	Broadway, near 33d St.	Brady & Ziegfeld	1,100	1.50, 1.00, 75c., 50c.	8.15, mat. 2.15.
Metropolis Theatre	142d St. and 3d Ave	Henry Rosenberg	1,500	1.00, 75c., 50c., 25c.	8.15, mat. 2.15.
Metropolitan Op. House	Broadway, 39th and 40th Sts.	Maurice Grau Op. Co.	3,400	5.00 down to 1.00	.....
Miner's Bowery Th.	Bowery, near Broome St.	H. C. Miner	1,850	75c., 50c., 25c., 15c.	8.15, mat. 2.15.
Miner's 8th Ave. Th.	8th Ave., near 25th St.	Edwin D. Miner	2,000	75c., 50c., 35c., 25c., 15c.	8.15, mat. 2.15.
Miner's Theatre	125th St. and Lexington Ave.	Edwin D. Miner	2,100	1.00, 75c., 50c., 35c., 25c., 15c	.....
Murray Hill Theatre	Lexington Ave. and 41st St.	Henry V. Donnelly	1,500	1.00, 75c., 50c., 35c., 25c.	8, mat. 2.15.
New York Theatre	Broadway and 44th St.	Sire Bros.	†	2.00, 1.50, 1.00, 75c	...
Olympic Theatre	3d Ave. and 130th St.	Jas. H. Curtin	1,080	1.00, 50c., 35c., 25c., 15c.	8, mat. 2.
Pleasure Palace	E. 58th St., near 3d Ave.	Frederick F. Proctor.	1,900	1.00, 75c., 50c., 25c.	2 to 10.30.
Proctor's Theatre	W. 23d St., near 6th Ave.	Frederick F. Proctor.	2,000	50c., 25c.	12.30 to 10.45.
Star Theatre	Broadway and 13th St.	R. M. Gulick	2,200	1.00, 75c., 50c., 25c., 15c.	8.15, mat. 2.
Thalia Theatre	Bowery, near Canal St.	Feinman Kessler	1,706	1.00, 75c., 50c., 35c., 25c.	8.15.
Third Ave. Theatre	3d Ave., near 31st St.	A. H. Sheldon & Co.	3,145	1.50, 1.00, 75c., 50c., 25c.	8.15, mat. 2.15.
Tony Pastor's Theatre	E. 14th St., near 3d Ave	Tony Pastor	1,500	1.00, 75c., 30c., 20c.	1 continuous.
Victoria Theatre	Broadway and 7th Ave.	Oscar Hammerstein	....	.....	8.20, mat. 2.15.
Wallack's Theatre	Broadway and 30th St.	Theodore Moss	1,500	2.00, 1.50, 1.00, 50c.	8.15, mat. 2.15.
Windsor Theatre	Bowery, near Canal St.	Heine & Horowitz	1,700	1.00, 75c., 50c., 35c., 25c.	8.15, mat. 2.

* Seating capacity is given, but there is usually standing room in addition for a large number of persons. † Theatre, 1,400; Music Hall, 2,500; Concert Hall, 1,500. Theatre-goers should consult the daily papers as to time performance begins.

MUSIC HALLS.

Name.	Proprietors or Managers.	Location.	Seating Capacity.
Broadway Music Hall	Weber & Fields	Broadway and 29th St. (Admission, $2.00 to 50c. Performance, 8.10 P. M.; matinee, 2.15 P. M.)	1,500
Carnegie Music Hall	Sheldon & Barry	W. 57th St., near 7th Ave.	†2,696
Central Opera House Mus. Hall	Jacob Ruppert	67th St. and 3d Ave.	1,000
Chickering Hall	Chickering & Sons	5th Ave. and 18th St.	1,250
Eden Musee	Richard G. Hollaman	W. 23d St., near 6th Ave. (10 A. M. to 10 P. M.)	800
Koster & Bial's	Nelson Roberts	W. 34th St., near Broadway. (Adm., $1.50, $1.00, 75c., 50c. Begins 8.15 P. M.; Sat. mat., 2.15 P. M.)	2,400
Lenox Lyceum	M. D. Barry	E. 59th St. and Madison Ave.	2,200
Madison Square Garden	Madison Square Garden Co.	Madison Ave., 26th and 27th Sts.	13,000

† Carnegie Lyceum, seating capacity, 750.

Musical entertainments are sometimes given in halls customarily used for other purposes, such as Cooper Union Hall, Masonic Temple Hall, Lyric Hall, Tammany Hall, Clarendon Hall, 114 East 13th St.; Germania Assembly Rooms, 291 Bowery; Atlantic Garden, 50 Bowery; Grand Central Palace, 43d St. and Lexington Ave.; seating capacity of the Amphitheatre, 8,500; Concert Hall, 2,500; Roof Garden, 10,000. American Institute, 19 West 44th St.

MUSEUMS.—Metropolitan Museum of Art, 5th Ave. and 82d St. (Central Park); free on Tuesday, Wednesday, Thursday, Saturday, from 10 A. M. to 5.30 P. M., and on Monday and Friday from 8 to 10 P. M.; open on Sunday from 1 P. M. to half hour before sunset; on Monday and Friday, during the day, admission is 25 cents. Museum of Natural History, 8th Ave. and 79th St., is open to the public free of charge on Wed., Thurs., Fri., and Sat., from 9 A. M. to 5 P. M., Sunday from 1 to 4 P. M.; also on holidays and Tues. and Sat. evenings; admission on Mon. and Tues. is by membership ticket, or payment of 25 cents. Aquarium, Castle Garden, Battery. Zoological Gardens, Central Park, entrance 5th Ave. and 64th St., and Bronx Park, 182d St. and Southern Boulevard.

GROUNDS FOR OUTDOOR SPORTS.—Berkeley Oval, Morris Heights; Manhattan Field, 8th Ave. and 155th and 156th Sts.; Polo Grounds, 8th Ave. and 157th and 158th Sts.; New York Athletic, on Travers Island, take New Haven R. R. to Pelham Manor; Y. M. C. A. Athletic, 150th St. and Harlem River. In Brooklyn Borough—Baseball Grounds, 3d St., between 3d and 4th Aves., reached by cars from Fulton Ferry or Bridge depot; Brooklyn Driving Club, Boulevard and King's Highway; Crescent Athletic, take Fort Hamilton cars; Parade Grounds, Prospect Park. New Jersey Athletic by Central R. R. of N. J. to Ave. A, Bayonne City. St. George's Cricket, Hoboken. Staten Island Athletic and Cricket, take Staten Island Ferry and railroad to Livingston, S. I.

Asylums and Homes in Manhattan and Bronx Boroughs.

Association for Improved Instruction of Deaf Mutes, 912 Lexington Ave. Emil Calman, Prest.
Association for Relief of Respectable Aged Indigent Females, Amsterdam Ave., cor. W. 104th St. Mrs. S. E. Degroot, Matron.
Asylum of the Sacred Heart of Jesus, 251 W. 14th St.
Babies' Shelter, Church Holy Communion, Reception House, 49 W. 20th St. N. O. Halstead, Supt.
Baby Fold, Office, 105 E. 22d St. Mrs. L. S. Bainbridge, Supt.
Baptist Home for Aged, E. 68th St. and Park Ave. Mrs. E. C. Pierson, Matron.
Baptist Ministers, 2020 Vyse Av. M. H. Pogson, Supt.
Berachah Home for Rest and Healing, 250 W. 44th St.; House Reception. 690 8th Ave. Mrs. O. S. Schultz, Supt.
Bloomingdale Insane Asylum, White Plains, N. Y.
Brace Memorial Lodging House, 9 Duane St. Rudolph Heig, Supt.
Chapin Home for the Aged and Infirm, 151 E. 66th St. Mrs. R. A. Macdonald, Matron.
Charity Organization Society, 105 E. 22d St.
Chebra Hachnosath Orchim, 210 Madison St.
Children's Aid Society, Executive Office, 105 E. 22d St.
Children's Fold, W. 155th St., near St. Nicholas Ave. Miss O. P. Cleveland, Matron.
Christian Alliance Home, 250 W. 44th St. Mrs. E. J. McDonald.
Christian Home for Intemperate Men, 1175 Madison Ave. Geo. S. Avery, Manager.
Christian League Industrial Home, 5 E. 12th St. Mrs. E. Pettis, Supt.
Christian Workers, 129 E. 10th St. Mrs. M. E. Marvin, Matron.
Colored Home and Hospital, 1st Ave., cor. 65th St. Miss E. R. Warnock, Matron.
Colored Orphan Asylum, Boulevard, near W. 143d St. M. K. Sherwin, Supt.
Convalescents' Home. 433 E. 118th St. Miss Pilgrim, Matron.
Coöperative Home for Self-Supporting Girls, 348 W. 14th St. Mrs. S. G. Hull, Matron.
Deaf and Dumb Institution, 11th Ave. and 162d St.
Dominican Convent Our Lady of Rosary, 329 E. 63d St.
Door of Hope, 102 E. 61st St. Miss A. J. Anderson, Matron.
Edgewater Creche, 105 E. 22d St.
Elizabeth Home for Girls, 307 E. 12th St. Mrs. E. S. Hurley, Matron.
Eva Home, 153 E. 62d St. Mrs. E. N. Delaie, Matron.
Five Points House of Industry, 155 Worth St. Wm. F. Barnard, Supt.
Five Points Mission, 63 Park St. A. K. Sanford, Supt.
Foundling Asylum, 175 E. 68th St., near 3d Ave.
Florence Night Mission, 21 Bleecker St.
Free Home for Destitute Young Girls, 23 E. 11th St. Miss S. E. Smythe, Supt.
French Evangelical Home for Young Women, 341 W. 30th St. Miss Elsie Bolliet, Matron.
German Lutheran Emigrant Home, 26 State St.
German Odd Fellows' Home, Office, 69 St. Mark's Pl. B. Ludwig, Supt.
Hebrew Benevolent and Orphan Asylum, Amsterdam Ave., near 136th St. Office, 22 Bible House.
Hebrew Infant Asylum, 490 Mott Ave. M. L. Newman, Supt.
Hebrew Sheltering Guardian Orphan Asylum, Boulevard and W. 150th St. L. Fauerbach, Supt.
Hiram Deats Memorial Home for Children, 54 S. Washington Sq. Miss H. K. James, Matron.
Home and Training School for Children, 419 W. 19th St.
Home for Aged and Infirm Hebrews, 105th St., near Columbus Ave. Moritz Helm, Supt.
Home for Friendless, for Females and Children, 30 E. 30th St. Mrs. A. A. Rudgers, Matron.
Home for Incurables, 3d Ave., cor. E. 182d St. I. C. Jones, Supt.
Home Hotel Association, 146 St. Ann's Ave.
Home for Protestant Immigrant Girls, 27 State St. Miss Alma Matthews.
Home for Old Men and Aged Couples, Amsterdam Ave., cor. W. 112th St. Mrs. M. J. Harwood, Matron.
Home for Relief of Destitute Blind, Amsterdam Ave., cor. W. 104th St. Miss Mary J. Handley.
Home for the Aged, 213 E. 70th St. and 106th St., near Columbus Ave.
Home for the Aged of the Church of the Holy Communion, 41 W. 20th St.
Home for Young Women, 49 W. 9th St. Miss E. G. Cunningham, Supt. Branch at 308 2d Ave.
Hopper, Isaac T., Home, 110 2d Ave. Miss Price, Matron.
House of Mercy (Protestant Episcopal), W. 213th St., Inwood, New York City.
House of Refuge, Randall's Island, boat ft. E. 120th St. M. Carpenter, Supt.
House of the Good Shepherd, foot of E. 90th St.
House of the Holy Comforter for Incurables, 149 2d Ave. S. W. Dexter, Secretary.
House of the Holy Family, 136 2d Ave.
Howard Mission and Home for Little Wanderers, 225 E. 11th St. Miss S. Olliffe, Matron.
Industrial Christian Alliance, 170 Bleecker St.
Infant Asylum, Amsterdam Ave., cor. 61st St.
Insane Asylum, Ward's Isl., Office, 1 Madison Av.
Isabella Heimath, Amsterdam Ave. and W. 190th St. J. W. Meyer, Supt.
Jeanne d'Arc Home, 251 W. 24th St.
Jennie Clarkson Home, cor. 2d Ave. and 10th St.
Juvenile Asyl., 176th St. & Amsterdam Ave., Reception Room, 106 W. 27th St. C. Blauvelt, Supt.
Leake and Watts' Orphan House, Hawthorne Ave., near City Line. G. R. Brown, Supt.
Leo House for German Catholic Immigrants, 6 State St.
Lutheran Pilgrim House, 8 State St. S. Keyl, Supt.
McAuley's Water St. Mission, 316 Water St. S. H. Hadley, Supt.
Margaret Louisa Home, 14 E. 16th St. Miss Cattell, Supt.
Medical Missionary Home, 121 E. 45th St.
Messiah Home for Children, 490 Mott Ave.
Methodist Episcopal Home, Amsterdam Ave., cor. 92d St. Miss H. E. Myers, Matron.
Mission of Our Lady of the Rosary for the Protection of Young Immigrant Girls, 7 State St.
Mission of the Immaculate Virgin 2 Lafayette Pl.
Montefiore Home for Chronic Invalids, Boulevard and W. 138th St. A. Hausmann, Supt.
Mothers' Home, 531 E. 86th St.
National Home for Disabled Volunteer Soldiers, 41 Park Row.
Newsboys' Lodging House, 9 Duane St.
New York—Asylums and Homes bearing prefix "New York" will be found in this list minus the prefix.
New York City Lunatic Asylum, Blackwell's Island. Office, 1 Madison Ave.
Night Refuge for Homeless Women, 144 W. 15th St.
Orphan Asyl. of St. Vincent de Paul, 211 W. 39th St.
Orphan Asylum, Riverside Ave., cor. W. 73d St.
Orphanage, Church of the Holy Trinity, 400 E. 50th St.
Orphan Home and Asylum of Protestant Episcopal Church, 49th St., near Lexington Ave.
Peabody Home for Aged Women, 2064 Boston Road
Presbyterian Home for Aged Women, 73d St., near Madison Ave. Mrs. E. A. Reichel, Matron.
Protestant Half-Orphan Asylum, 104th St. and Manhattan Ave. Miss Sarah De Yoc.
Robertson, Gilbert A., Home. 45 Bible House.
Roman Catholic Orphan Asylum for Girls, Madison Ave. & 51st St.; for Boys, 5th Ave., c. 51st St.
Sailors' Home, 190 Cherry St. F. Alexander, Supt.
Sailors' Snug Harbor, Staten Island, Office, 31 Nassau St.
St. Ann's Home for Children, 90th St. and Ave. A.
St. Barnabas' House, 304 Mulberry St.
St. Bartholomew's Girls' Home, 136 E. 47th St. Mrs. F. O. Jones, Supt.
St. Benedict's Home for Destitute Colored Children, 2 Lafayette Pl.

ASYLUMS AND HOMES IN MANHATTAN AND BRONX BOROUGHS—*Continued.*

St. Clare House, 145 W. 14th St.
St. Helena's, 311 E. 14th St.
St. James' Home, 21 Oliver St.
St. John Baptist House, 233 E. 17th St.
St. John's Guild, 501 5th Ave., 155 W. 61st St.; Floating Hospital, Office, 1 Madison Ave.
St Joseph's Home for the Aged, 209 W. 15th St.
St. Joseph's Home, Destitute Children, 137 W. 31st.
St. Joseph's Industrial Home, 65 E. 81st St.
St. Joseph's Orphan Asylum, 89th St., cor. Ave. A.
St. Luke's Home for Indigent Christian Females, 89th St. and Madison Ave. Miss M. P. Darby, Sec.
St. Mary's Home for Protection and Comfort of Young Women, 143 W. 14th St.
St. Philip's Parish Home, 1119 Boston Ave.
St. Zita's Temporary Home for Friendless Women, 125 E. 52d St.
St. Saviour's Sanitarium, Inwood, New York City.
Samaritan Home for the Aged, 414 W 22d St.
Scandinavian Iramigrant Home, 24 Greenwich St.
Shelter for Respectable Girls, 241 W. 14th St.
Sheltering Arms, 504 W. 129th St. Miss Richmond, Supt.
Sick Children's Mission, 287 E. Broadway
Sisterhood of the Good Shepherd, 419 W. 19th St.
Society for Prevention of Cruelty to Children, 297 4th Ave. E. T. Gerry, Prest.
Strachan, Margaret, Home, 103 W. 27th St.
Swiss Home, 108 2d Ave. Mrs. M. Lemp, Matron.
Temporary Home for Women, 219 2d Ave.
Trinity Chapel Home for Aged Women, 221 W. 24th St.
Trinity Mission House, 211 Fulton St.
Webb's Academy and Home for Shipbuilders, Sedgwick Ave., cor. Academy St. Stephen M. Wright, Sec.
West-Side Boys' Lodging House, 400 7th Ave.
Wetmore Home for Friendless Girls, 49 S. Washington Sq. Mrs. M. C. Lane, Matron.
Wilson Industrial School for Girls 125 St. Mark's Pl.
Woman's Shelter, 243 Bowery.
Young Women's Christian Association, 7 E. 15th St.

Art Galleries in Manhattan Borough.

Name.	Location.	Admission.
Avery, S. P., Jr.	366 Fifth Avenue	Free.
American Art Galleries	6 East 23d Street	25c.
American Water Color Society	53 East 23d Street	25c.
Blakeslee, Theron J.	353 Fifth Avenue	Free.
Boussod, Valadon & Co.	303 Fifth Avenue	Free.
Braun, Clement & Co.	257 Fifth Avenue	Free.
Delmonico, L. Crist	166 Fifth Avenue	....
Durand-Ruel	389 Fifth Avenue	Free.
Fifth Avenue Art Galleries	366 Fifth Avenue	Free.
Historical Society	170 Second Avenue	Introduction by Member
Keppel, Fr.	20 East 16th Street	Free.
Klackner Art Gallery	7 West 28th reet	Free.
Knoedler & Co.	355 Fifth Avenue	Free.
Lenox Library	890 Fifth Avenue	Free.
Metropolitan Museum of Art.	Fifth Avenue and 82d St. (Central Park).	Mon. & Fri. 25c.; other days free.
National Academy of Design.	.....	....
Schaus, William	204 Fifth Avenue	Free.
Society of American Artists	215 West 57th Street.	25c.
Tooth, Arthur, & Sons	299 Fifth Avenue	....

The private galleries of wealthy New York people are extensive, and the selections of paintings are of great merit and value. Among the most notable collections are those of the Astors and Vanderbilts, H. O. Havemeyer, William Rockefeller, Henry G. Marquand, John A. Garland, S. P. Avery, M. C. D. Borden, George J. Gould, Isaac D. Fletcher, Col. O. H. Payne, Charles Stewart Smith. Admission to view these galleries may occasionally be obtained by applying by letter to the owners.

ART SCHOOLS.

The principal art schools are: The Art Students' League, 215 West Fifty-seventh Street; New York School of Applied Design for Women, 200 West Twenty-third Street; Art Schools of the Cooper Union, and Art Schools of the National Academy of Design. For particulars as to instr ction, fees, and qualifications for admission application must be made to the officials in charge.

Army of the United States

STATIONED IN AND ABOUT THE CITY OF NEW YORK.

Major-General Commanding the Department of the East—Wesley Merritt.

PERSONAL STAFF.—*Aide-de-Camp*—First Lieut. T. Bentley Mott, 7th Artillery. (Personnel of staff may be changed.)

DEPARTMENT STAFF.

Adjutant-General.—Lieut. T. Bentley Mott (acting).
Judge-Advocate.—Lieut.-Col. John W. Clous.
Chief Quartermaster.—Col. James M. Moore.
Commissary of Subsistence.—Major C. A. Woodruff.
Chief Surgeon.—Col. Charles C. Byrne.
Attending Surgeon.—Major James P. Kimball.
Chief Paymaster.—Lieut.-Col. Chas. I. Wilson.
Signal Officer.—Capt. Samuel Reber.
Artillery Inspector and Ordnance Officer.—Major John P. Story, 7th Artillery.
Inspector-General.—Lieut.-Col. P. D. Vroom.
Assistant to Inspector-General.—Maj. J. M. K. Davis.
Engineer Officer.—Major John P. Story, 7th Artillery.

The headquarters of the department are at Governor's Island, New York Harbor. Army Building, 39 Whitehall Street, Manhattan Borough, New York.

FORTS.

Name.	*Location.*	*Commanding Officers.*	*Troops.*
Fort Columbus	Governor's Island	Major B. K. Roberts	One battery 5th Artillery.
Fort Hamilton	Narrows, Long Island	Col. John I. Rodgers	Hdqrs. and four batteries 5th Artillery.
Fort Hancock	Sandy Hook, N. J.	Major J. B. Burbank	Three batteries 5th Artillery
Fort Schuyler	Throgg's Neck, East River.	Capt. W. R. Hamilton	One battery 7th Artillery.
Fort Wadsworth	Narrows, Staten Island	Lt.-Col. Tully McCrea	Three batteries 5th Artillery
Fort Wood	Liberty Island	Lieut. C. McArthur	Recruits and casuals.
U. S. Proving Ground.	Sandy Hook, N. J.	Major Frank Heath	Detachment of Ordnance.
Ft. Slocum, David's I.	Near New Rochelle	Lieut.-Col. C. A. Woodruff.	One battery 7th Artillery.
Willets Point	Near Whitestone	Major J. G. D. Knight	Battalion of Engineers.
Fort Totten	Near Whitestone	Lieut. Henry D. Todd, Jr.	One battery 7th Artillery.

Banks in Manhattan and Bronx Boroughs.

THE Clearing-House is at 77 Cedar Street, Manhattan Borough. Wm. Sherer is manager, Wm. J. Gilpin, assistant manager. Sixty-five banks are associated for the purpose of exchanging the checks and bills they hold against each other. Other banks, not members of the association, clear through members. The representatives of the members appear at the Clearing-House at 10 o'clock A. M. every business day, with the checks and bills to be exchanged. The resulting balances are ascertained in about an hour, and before half-past one o'clock those indebted pay their balances, and after that hour the other banks receive the amounts due them. The Clearing-House has been in operation since 1853.

Following are extracts from the Manager's annual report for year ending September 30, 1899: The Clearing-House transactions for the year have been as follows: Exchanges, $57,368,230,771.33; balances, $3,085,971,370.53; total transactions, $60,454,202,141.86. The average daily transactions: Exchanges, $189,961,029.04; balances, $10,218,448.24; total, $200,179,477.28. Total transactions since organization of Clearing-House (46 years): Exchanges, $1,231,423,418,499.23; balances, $58,640,345,106.12; total, $1,290,063,763,605.35.

Banks are open from 10 A. M. to 3 P. M., and on Saturdays from 10 A. M. to 12 noon. Commercial paper, except sight or demand bills, falling due on Saturday, is payable on the following business day.

NATIONAL BANKS.

NAME.	Location.	Capital.	President.	Cashier.	Discount Days.
American Exchange	115 Broadway. .	$5,000,000	Dumont Clarke.....	Edward Burns.....	Tues. and Fri.
Astor	18 W. 34th St	350,000	Geo. F. Baker.....	Geo. W. Pancoast..	.....
Bank of Commerce .	Nassau, c. Cedar	10,000,000	*See note "a" at foot*	W. C. Duvall	Tues. and Fri.
Bank of New York..	48 Wall St	2,000,000	Ebenezer S. Mason.	Charles Olney.....	Daily.
Bank of N. America.	25 Nassau St	1,000,000	Warner Van Norden	Henry Chapin, Jr.	Daily.
Bank of the Rep'blic	2 Wall St.....	1,500,000	Oliver S. Carter.....	Charles H. Stout...	Wednesday.
Bank of State of N. Y	33 William St ...	1,200,000	Richard L. Edwards	Beverly C. Duer...	Daily.
Broadway	237 Broadway...	1,000,000	Francis A. Palmer.	Chas. J. Day.....	Wednesday.
Butchers & Drovers'	124 Bowery (*b*) ..	300,000	G. G. Brinckerhoff.	William H. Chase.	Wed. and Sat.
Central	320 Broadway...	1,000,000	Edwin Langdon....	C. S. Young.....	Tues. and Fri.
Chase	83 Cedar St.....	1,000,000	H. W. Cannon	J. T. Mills, Jr	Daily.
Chatham	192 Broadway...	450,000	George M. Hard....	H. P. Doremus...	Daily.
Chemical	270 Broadway...	300,000	Geo. G. Williams...	Francis Halpin....	Daily.
Citizens'.....	401 Broadway ...	600,000	Ewald Fleitman.....	David C. Tiebout..	Tues. and Fri.
City	52 Wall St.....	10,000,000	James Stillman.....	G. S. Whitson.....	Tuesday.
Continental	7 Nassau St.....	1,000,000	Benj. Perkins.....	Alfred H. Timpson	Tues. and Fri.
Domestic Exchange	11 Maiden Lane §	300,000	Robert D. Kent.....	Chas. H. Spencer ..	Daily.
East River	682 Broadway...	250,000	Raymond Jenkins..	Zenas E. Newell...	Wed. and Sat.
Fifth National	3d Ave. & 23d St.	200,000	S. Kelly.....	Andrew Thompson	Friday.
First National.....	2 Wall St.....	500,000	George F. Baker....	William B. Reed..	Daily.
Fourth National	14 Nassau St	3,000,000	J. Edwd. Simmons.	C. H. Patterson ...	Tues. & Thur.
Gallatin.....	36 Wall St	1,000,000	Fred. D. Tappen....	Samuel Woolverton	Wednesday.
Garfield	23d St. & 6th Av.	200,000	W. H. Gelshenen ..	R. W. Poor.....	Wednesday.
Hanover.....	11 Nassau St	1,000,000	Jas. T. Woodward..	William Halls, Jr..	Tues. and Fri.
Hide and Leather..	John & William	500,000	D. S. Ramsay	Clarence Foote.....	Daily.
Imp't'rs & Traders'	247 Broadway...	1,500,000	E. H. Perkins, Jr...	Edward Townsend	Tues. and Fri.
Irving	287 Greenwich St	500,000	Charles H. Fancher	James Dennison...	Tues. and Fri.
Leather Manuf'rs'..	29 Wall St.....	600,000	N. F. Palmer.....	G. W. McGarrah ..	Tuesday.
Liberty	Liberty & West.	500,000	Henry C. Tinker ...	Henry P. Davison.	Daily.
Lincoln	32 East 42d St ...	300,000	Thomas L. James..	William T. Cornell.	Wednesday.
Market and Fulton .	81 Fulton St.....	900,000	A. Gilbert.....	T. J. Stevens.	Tuesday.
Mechanics'.....	33 Wall St.....	2,000,000	Horace E. Garth ...	G. W. Garth.....	Daily.
Mercantile	191 Broadway...	1,000,000	Fred'k B. Schenck.	James V. Lott.	Tues. and Fri.
Merchants'.....	42 Wall St.....	2,000,000	R. M. Gallaway....	Jos. W. Harriman.	Thursday.
Merchants' Exch ...	257 Broadway...	600,000	P. C. Lounsbury	Allen S. Apgar .. .	Daily.
National Park.....	214 Broadway...	2,000,000	Edward E. Poor...	George S. Hickok .	Tues. and Fri.
National Union	32 Nassau St	*See note*	*"a" at foot of page.*	.....	.....
New York County ..	8th Av., cor. 14th	200,000	Francis L. Leland..	F. M. Breese	Tues. and Fri.
N. Y. National Exch	90 West B'way..	300,000	James Rowland	L. E. Pierson.....	Tues. and Fri.
Ninth National	407 Broadway...	750,000	John K. Cilley.....	Hiram H. Nazro ..	Tues. and Fri.
Phenix.....	49 Wall St.....	1,000,000	Duncan D. Parmly.	Alfred M. Bull....	Tuesday.
Seaboard	18 Broadway....	500,000	Samuel G. Bayne...	J. F. Thompson...	Daily.
Second National....	5th Av., cor. 23d.	300,000	James Stillman.....	Joseph S. Case.....	Thursday.
Seventh National...	182 Broadway...	300,000	Wm. H. Kimball..	George W. Adams	Tues. and Fri.
Shoe and Leather...	271 Broadway...	1,000,000	John M. Crane	John I. Cole.....	Wednesday.
Western	Pine, cor. Nassau	2,100,000	V. P. Snyder.....	H. A. Smith.....	Wednesday.

STATE BANKS.

Astor Place*..... .	23 Astor Place ..	...	Alfred C. Barnes...	Henry A. Patten...	.....
Bank of America ...	44 Wall St.....	$1,500,000	William H. Perkins	W. M. Bennet.....	Tues. and Fri.
B'k of N. Amst'dam	B'way, cor. 39th.	250,000	Frank Tilford.....	G. J. Baumann	Tuesday.
Bank of Metropolis..	29 Union Square.	300,000	Theodore Rogers...	E. C. Evans.....	Thursday.
Bowery	62 Bowery.....	250,000	John S. Foster.....	Charles Essig.....	Daily.
Bronx Bor'gh Bank	731 Tremont Av.	50,000	Wm. H. Birchall...	Morris M. Corwin..	Thursday.
Colonial†	480 Columbus Av	100,000	Alexander Walker.	Wm. C. Duncan...	Daily.
Columbia	5th Av., cor. 42d.	300,000	Joseph Fox	W. S. Griffith	Wednesday.
Corn Exchange‡.....	Will'm & Beaver	1,400,000	William A. Nash ...	W. E. Williams, Ast	Daily.
Eleventh Ward	Ave. D, c. 10th St.	100,000	Henry Steers	Charles E. Brown .	Tues. and Fri.
5th Av. Bank of N. Y.	530 Fifth Ave. ...	100,000	A. S. Frissell.....	Frank Dean.....	Friday.
Fourteenth Street ..	3 East 14th St....	100,000	George F. Vail.....	Irving C. Gaylord..	Daily.
Gansevoort	14th, cor. Hudson	200,000	C. E. Bigelow	F. J. Van Order...	Tues. and Fri.

* Branch of Corn Exchange Bank. † Branches at Columbus Ave. and 66th and 104th St. ‡ Branches, Broadway and Spring St., 23 Astor Pl., Columbus Ave. and 72d St., and Queens County Bank, Long Island City. § After May 1, 1900, cor. Broadway and Chambers St. (*a*) Negotiations for consolidation of National Union Bank with Bank of Commerce pending when this was printed, probably resulting in the election of Jos. C. Hendrix as President of Bank of Commerce. (*b*) About May 1, 1900, cor. Broadway and 3d St.

STATE BANKS—MANHATTAN AND BRONX BOROUGHS—*Continued.*

Name.	Location.	Capital.	President.	Cashier.	Discount Days.
German-American	23 Broad St	$750,000	Casimir Tag	J. F. Frederichs	Mon. & Thurs.
German Exchange	330 Bowery	200,000	Michael J. Adrian	Charles L. Adrian	Tues. and Fri.
Germania	190 Bowery	200,000	Edward C. Schaefer	J. A. Morschhauser	Tues. and Fri.
Greenwich	402 Hudson St	200,000	John S. McLean	William A. Hawes	Tues. and Fri.
Hamilton*	215 W. 125th St	200,000	Edwin S. Schenck	Jesse C. Joy	Daily.
Home	303 W. 42d St	100,000	George E. Ketcham	J. P. Dunning	Thursday.
Hudson River†	260 Columbus Av	....	Fred. B. Elliott	Peter Snyder	... ...
Manhattan Compa'y	40 Wall St	2,050,000	Stephen Baker	D. H. Pierson	Mon. & Thurs.
Mechanics & Traders	486 Broadway	400,000	Leo Schlesinger	A. M. Dederer	Tues. and Fri.
Mount Morris	85 E. 125th St	250,000	Thomas L. Watt	F. W. Livermore	Daily.
Mutual	B'way, c. 33d St.	200,000	James McClenahan	Walter Westervelt	Daily.
Nassau	9 Beekman St	500,000	F. H. Richardson	Wm. H. Rogers	Wed. and Sat.
N. Y. Produce Exch.	Prod. Exch. Bldg	1,000,000	Forrest H. Parker	Wm. A. Sherman	Tues. and Fri.
Nineteenth Ward	3d Ave. & 57th St.	100,000	Joseph J. Kittel	Louis H. Holloway	Tues. and Fri.
Oriental	122 Bowery	300,000	Clinton W. Starkey	Nelson G. Ayres	Wednesday.
Pacific	470 Broadway	422,700	Hardt B. Brundrett	Sam. C. Merwin	Tues. and Fri.
People's	395 Canal St	200,000	Scott Foster	William Milne	Daily.
Plaza	5th Av, c. W. 58th	100,000	W. McM. Mills	C. W. Parson	Daily.
Riverside	8th Ave., c. 57th St	100,000	H. C. Copeland	H. H. Bizallion	Daily.
State	378 Grand St	100,000	Oscar L. Richard	J. H. Rosenbaum	Friday.
Twelfth Ward	125th, c. Lex'n Av	200,000	Isaac A. Hopper	F. B. French	Thursday.
Twenty-third Ward	135th St. & 3d Av.	100,000	Charles W. Bogart	George E. Edwards	Daily.
Union Square	8 Union Sq., E	200,000	Frederick Wagner	J. W. Scheu	Tues. and Fri.
Wells, Fargo & Co's	63 Broadway	500,000	John J. Valentine	H. B. Parsons	None.
West Side	485 Eighth Ave	200,000	C. F. Tietjen	Theo. M. Bertime	Mon. & Thurs.
Yorkville	85th St., c. 3d Av.	100,000	R. Van Der Emde	W. L. Frankenbach	Tues. and Fri.

* Branch at 1707 Amsterdam Avenue. † Branch of the Corn Exchange Bank.

Banks for Savings

IN MANHATTAN AND BRONX BOROUGHS.

Name.	Location.	President.	No. of Depositors.	Deposits.	Rate of Interest.†	Surplus.	Business Hours. [Unless otherwise stated banks close at 12 noon on Saturdays.]
American	5th Av. & 42d St.	Daniel T. Hoag	4,680	$1,118,000	3½	$50,400	9 A. M. to 4 P. M.; Monday, 6 to 8 P. M. also.
Bank for Savings	4th Av., c. 22d St.	Merritt Trimble	133,015	59,134,000	*4	3,959,230	10 A. M. to 3 P. M.; Monday, 10 A. M to 6 P. M.
Bowery	130 Bowery	John D. Hicks	122,309	65,982,222	3½	5,720,634	10 A. M. to 3 P. M.
Broadway	4 Park Place	Francis A. Palmer	8,320	6,317,210	4	518,477	10 A. M. to 3 P. M.
Citizens'	58 Bowery	Henry Hasler	30,120	11,523,633	3½	1,600,918	10 A. M. to 3 P. M.
Dollar	Third Ave., cor. 14th St.	John Haffen	7,750	790,000	4	4,000	10 A. M. to 3 P. M.; Mon. and Sat., 7 to 9 P. M. also.
Dry Dock	341 Bowery	Andrew Mills	57,168	21,769,988	3½	2,253,697	10 A. M. to 3 P. M.
East River	3 Chambers St	Wm. H. Slocum	19,409	15,224,239	4	2,514,013	10 A. M. to 3 P. M.
Emigrant Industrial	51 Chambers St	James McMahon	87,576	55,637,210	3½	5,744,699	10 A. M. to 4 P. M.
Empire City	231 W. 125th St	Isaac A. Hopper	8,000	1,250,000	3½	20,000	9 A. M. to 3 P. M.; Mon. and Sat., 7 to 9 P. M. also.
Excelsior	23d St., c. 6th Av.	.....	9,244	2,897,130	3½	145,000	10 A. M. to 3 P. M.; Sat., 6 to 8 P. M. also, except in June, July, Aug., and Sept.
Franklin	8th Av., c. 42d St.	Archibald Turner	28,153	8,230,675	3½	970,000	10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.
German	4th Ave., c. 14th St	Philip Bissinger	101,640	46,437,470	3½	4,488,417	10 A. M. to 3 P. M.; Monday, 10 A. M. to 8 P. M.
Greenwich	248 Sixth Ave	John H. Rhoades	74,085	37,144,000	3½	4,100,000	10 A. M. to 3 P. M.
Harlem	2281 Third Ave	Charles B. Tooker	31,904	8,945,850	3	635,000	10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.
Irving	115 Chambers St	Wm. H. B. Totten	16,000	9,850,000	4	833,000	10 A. M. to 3 P. M.
Manhattan	644 Broadway	Joseph Bird	19,022	9,025,625	3½	1,005,239	10 A. M. to 4 P. M.
Merchants' Clerks	20 Union Sq., E	F. M. Hurlbut	13,634	8,297,789	3½	787,901	10 A. M. to 3 P. M.
Metropolitan	1 Third Ave	J. B. Currey	....	8,065,751	4	655,598	10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.
New York	8th Ave., c. 14th	Peter A. Welch	26,000	14,432,588	4	2,179,877	10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.
North River	266 W. 34th St	Samuel D. Styles	13,000	4,498,349	3½	324,491	10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.
Seamen's	74 Wall St	William C. Sturges	79,453	44,000,000	4	4,836,000	10 A. M. to 2 P. M.
Union Dime	B'way, c. 32d St.	Chas. E. Sprague	71,749	18,000, 00	3½	1,026,000	10 A. M. to 3 P. M.; Monday, 10 A. M. to 7 P. M.
United States	633 Madison Ave.	Const. A. Andrews	6,304	799,152	3½	14,599	10 A. M. to 4 P. M.; Mon. and Sat., 7 to 9 P. M. also.
West Side	56 Sixth Ave	Stephen G. Cook	4,083	626,555	4	28,550	9 A. M. to 3 P. M.; Mon. and Sat., 6 to 8 P. M. also.

*Rate may be lowered. †Subject to change.

Safe Deposit Companies in Manhattan Borough.

American, 501 Fifth Avenue.
Bankers', 4 Wall Street.
Central Park, 919 Seventh Avenue, 175 West 58th Street.
Colonial, 220 Broadway.
Garfield, Sixth Avenue and 23d Street.
Lincoln, 32 East 42d Street, 45 Eas 41st Street.
Manhattan Warehouse, 42d Street and Lexington Avenue; Seventh Avenue and 52d Street.
Mercantile, 122 Broadway.
Merchants', West Broadway and Beach Street.
Metropolitan, 3 East 14th Street.
Mount Morris, Park Avenue, corner 125th Street.
National Safe Deposit, 32 Liberty Street.
Produce Exchange, Broadway and Beaver Street.
Safe Deposit Company of New York, 140 Broadway.
State Safe Deposit Company, 35 William Street.
Stock Exchange, 10 Broad Street.
Tiffany & Co., 15 Union Square.

Trust Companies in Manhattan Borough,

WITH NAMES OF PRESIDENTS.

American Deposit and Loan Company, 120 Broadway, George W. Jenkins.
Atlantic Trust Company, 39 William St., L. V. F. Randolph.
Bankers' Trust Co., 10 Wall St., George W. Ely.
Central Realty Bond and Trust Company, 59 Liberty St., Henry Morgenthau.
Central Trust Company, 54 Wall St., F. P. Olcott.
* Century Trust Company, 5 Wall St.
City Trust Company, 36 Wall St., James R. Curran.
Colonial Trust Company, 220 B'way, J. E. Bourne.
Continental Trust Company, 30 Broad St., O. T. Bannard.
Farmers' Loan and Trust Company, 20 and 22 William St., Edwin S. Marston.
* Federal Trust Company, Broadway and Wall St.
Fifth Avenue Trust Company, 514 Fifth Av., Levi P. Morton.
Guaranty Trust Co., 65 Cedar St., W. G. Oakman.
Holland Trust Co., 99 Cedar St., J. D. Vermeule.
Knickerbocker Trust Company, Fifth Av., cor. 27th St., and 66 Broadway, Charles T. Barney.
Manhattan Trust Company, 20 Wall St., John I. Waterbury.
Mercantile Trust Company, 120 Broadway, Louis Fitzgerald.
Metropolitan Trust Company, 37 Wall St., Brayton Ives.
Morton Trust Company, 38 Nassau St., Levi P. Morton.
New York Life Insurance and Trust Company, 52 Wall St., Henry Parish.
New York Security and Trust Company, 46 Wall St., Charles S. Fairchild.
New York Warehouse and Security Company, 11 William St., Frederick Sturges.
North American Trust Company, 100 Broadway, Alvah Trowbridge.
Produce Exchange Trust Company, 26 Broadway, Edwin Gould.
Real Estate Trust Company, 30 Nassau St., H. C. Swords.
Southern Trust Company, 80 B'way, G. W. Ballou.
Standard Trust Company, 42 Wall St., W. C. Lane.
State Trust Company, 100 B'way, W. S. Johnston.
Title Guaranty and Trust Company, 146 Broadway, Clarence H. Kelsey.
Trust Company of America, 149 Broadway, Ashbel P. Fitch.
Union Trust Company, 80 B'way, Edward King.
United States Mortgage and Trust Company, 59 Cedar St., George W. Young.
United States Trust Company, 45 Wall St., John A. Stewart.
Washington Trust Company, 280 Broadway, D. M. Morrison.

* Not fully organized when the ALMANAC was printed.

Consuls in New York City (Manhattan Borough)

REPRESENTING FOREIGN COUNTRIES.

Argentine Republic.—Carlos Rohl, C. G.; Felix L. de Castro, V. C., Produce Exchange, Room 124.
Austria-Hungary.—Dr. Ferdinand Freyesleben, V. C., Acting Consul General, 33 Broadway.
Belgium.—Pierre Mali, C., 83 Worth St.
Bolivia.—Enrique Wulff, C. G., 15 Whitehall St.
Brazil.—Antonio Fontoura Xavier, C. G.; F. G. Leas, V.C. and Chancellor, 17 State St.
Chile.—Fred'k A. Beelen, C. G., 135 W. 11th St.
China.—Chung Pao Hsi, C.; L. Wing, V. C., 26 W. 9th St.
Colombia.—Enardo Espinosa, C. G., 17 State St.
Corea.—See "Korea."
Costa Rica.—Dr. Juan J. Ulloa, C. G., 66 Beaver St.
Denmark.—L. O. G. Amundsen, Acting Consul, 69 Wall St.
Dominican Republic.—Emilo C. Joubert, 31 Broadway.
Ecuador.—Fidel Garcia, C. G.; Rafael Zevallos, V. C.; Luis Calderon, Chancellor.
Egypt.—See "Turkey."
France.—E. Bruwaert, C. G.; G. Velten, C.; A. Jouve, V. C.; A. Ritt, Vice-Chancellor, 35 S. William St.
German Empire.—Karl G. Buenz, C. G.; F. Ritschl, C.; J. F. Bertram, Dr. Kurtz Scholz, V. C., 11 Broadway.
Great Britain.—Percy Sanderson, C. G.; C. C. Bayley, C., 17 State St.; C. A. S. Percival, V.C.; J. P. Smithers 2d V. C. Office for shipping seamen, 2 State St.
Greece.—Demetrius N. Botassi, C. G., 35 S. William St.
Guatemala.—Dr Joaquin Yela, C. G.; Julius J. Yela, Chancellor, 4 Stone St.
Hawaiian Republic.—Elisha H. Allen, C. G., 63 Wall St.
Hayti.—J. Nicolas C. G.; E. D. Basset, V. C., 35 S. William St.
Honduras.—N. Bolet Peraza, C. G., 40 Broadway.
Hungary.—See "Austria."
Italy.—G. Branchi, C. G.; Count F. Prat, V C.; G. Tosti, 2d V. C., 17 State St.
Japan.—S. Uchida, C., Bennett Building, cor. Nassau and Fulton Sts.
Korea.—Everett Frazar, C. G., 65 Wall St.
Liberia.—Frederick W. Yates, C., 141 Broadway; C. T. Geyer, V. C., 19 William St.
Mexico.—Juan N. Navarro, C.G.; A. Leon Grajeda, Chancellor, 35 Broadway.
Monaco.—Auguste Jouve, C., 35 S. William St.
Netherlands.—John R. Planten, C. G.; William M. B. Gravenhorst, C., 17 William St.
Nicaragua.—A. D. Straus, C. G., 18 Broadway.
Norway.—Christopher Ravn, C., 17 State St.
Orange Free State.—Charles D. Pierce, C. G., 136 Liberty St.
Paraguay.—Felix Aucaigne, C. G., 187 Broadway; W. E. Richards, C., 309 Broadway.
Persia.—H. Ruthven Pratt, C. G., 20 Broad St.
Peru.—Federico Bergmann C. G., 15-25 Whitehall St.
Portugal.—Luiz A. de M. P. A. Taveira, C. G.; A. A. Ferreiva, V. C., Produce Exchange Annex, B 15.
Russia.—W. Teplow, C. G.; G. Petersen, V. C., 22 State St.
San Salvador.—N. B. Peraza, C. G., 40 B'dway.
Siam.—I. T. Smith, C. G., 1 East 39th St.
Spain.—José de Navarro y Lopez de Ayala, C. G.; Mariano Fabregas Soteio, V. C., 18 Broadway.
Sweden.—Christopher Ravn, V. C., 17 State St.
Switzerland.—J. Bertschmann, C., 18 Exchange Pl.
Trinidad.—J. de la Boissiere, C. G., 125 W. 37th St.
Turkey.—Mundji Bey Fikri, C. G., 17 State St.
Uruguay.—T. A. Eddy, C.; W. B. Flint, V. C.; W. H. Coombs, Chancellor, 30 Broad St.
Venezuela.—Elias G. Esteves, C. G., 17 State St.

Bridges in and About the City of New York.

BROOKLYN BRIDGE.

Commissioner, John L. Shea, 13-21 Park Row, New York; *Deputies*, Henry Beam, Brooklyn, and Thomas H. York, New York. *Chief Engineer and Superintendent*, C. C. Martin.

The bridge connecting Manhattan Borough and Brooklyn Borough over the East River from Park Row, Manhattan Boro., to Sands and Washington Streets, Brooklyn Boro., was begun January 3, 1870, and opened to traffic May 24, 1883. Total cost of the bridge to December 1, 1897, about $21,000,000.

The tolls are: For foot passengers, free; railway fare, 3 cents, or 2 tickets for 5 cents; one horse, 3 cents; one horse and vehicle, 5 cents; two horses and vehicle, 10 cents; each extra horse above two attached to vehicle, 3 cents; bicycles, free. On July, 1, 1898, the bridge railway was leased to the elevated railroad companies (now operated by the Brooklyn Rapid Transit), paying therefor $250 per day; trolley cars, 5 cents per round trip. About 120,000 surface cars cross the bridge each month. The carriageways are under control of the Bridge Commissioner, and about $60,000 per annum is derived from this source.

The following are the statistics of the structure: Width of bridge, 85 feet. Length of river span, 1,595 feet 6 inches. Length of each land span, 930 feet. Length of Brooklyn approach, 971 feet Length of New York approach, 1,562 feet 6 inches. Total length of carriageway, 5,989 feet. Total length of the bridge, with extensions, 6,537 feet.

Size of Manhattan Borough caisson, 172 x 102 feet. Size of Brooklyn Borough caisson, 168 x 102 feet. Timber and iron in caisson, 5,253 cubic yards. Concrete in well holes, chambers, etc., 5,669 cubic feet. Weight of Manhattan Borough caisson, about 7,000 tons. Weight of concrete filling, about 8,000 tons.

Manhattan Borough tower contains 46,945 cubic yards masonry. Brooklyn Borough tower contains 38,214 cubic yards masonry. Depth of tower foundation below high water, Brooklyn Borough, 45 feet. Depth of tower foundation below high water, Manhattan Borough, 78 feet. Size of towers at high water line, 140 x 59 feet. Size of towers at roof course, 136 x 53 feet. Total height of towers above high water, 278 feet.

Clear height of bridge in centre of river span above high water at 90° F., 135 feet. Height of floor at towers above high water, 119 feet 3 inches.

Grade of roadway, 3¼ feet in 100 feet. Height of towers above roadway, 159 feet. Size of anchorage at base, 129 x 119 feet. Size of anchorage at top, 117 x 104 feet. Height of anchorages, 89 feet front, 85 feet rear. Weight of each anchor plate, 23 tons.

Number of cables, 4. Diameter of each cable, 15¾ inches. Length of each single wire in cables, 3,578 feet 6 inches. Ultimate strength of each cable, 12,000 tons. Weight of wire, 12 feet per pound. Each cable contains 5,296 parallel (not twisted) galvanized steel, oil-coated wires, closely wrapped to a solid cylinder, 15¾ inches in diameter. Permanent weight suspended from cables, 14,680 tons.

NEW YORK AND NEW JERSEY BRIDGE.

Andrew H. Green, Chairman; F. W. Devoe, Evan Thomas, R. Somers Hayes, Isidor Straus, Commissioners; Evan Thomas, Secretary; Charles H. Swan, Assistant Secretary. Commissioners' office, 214 Broadway, Manhattan Borough. The Commissioners of the New York and New Jersey Bridge and the Sinking Fund Commissioners of the City of New York selected a location midway between 59th and 60th Streets, Manhattan Borough. The maximum length of span is 2,710 feet. Guaranteed cost of the bridge is $17,000,000. The law provides that the bridge must be completed within ten years. The Union Bridge Company has made a contract with the companies to construct the bridge within six years from the time it commences work, and gave a bond of $1,000,000 for the faithful performance of the contract. It is intended to begin work of construction when the freight approaches to the bridge have been approved by the Sinking Fund Commissioners of New York City.

NEW EAST RIVER BRIDGE.

President, Lewis Nixon; Vice-President, James W. Boyle; Secretary, James D. Bell; Treasurer, J. D. Fairchild. The offices of the Commission are at 49-51 Chambers Street, Manhattan Borough. Chief Engineer's office, 84 Broadway, Brooklyn Borough. The tower foundations for the bridge in the borough of Manhattan are at the foot of Delancey Slip, and in the borough of Brooklyn at a point between South Fifth and South Sixth Streets. The bridge will end at Norfolk Street in the borough of Manhattan, and just west of Roebling Street in the borough of Brooklyn. The dimensions of the bridge are as follows: Main span, 1,600 ft.; entire bridge, between terminals, 7,200 ft.; width of bridge, 118 ft.; minimum height of bridge above mean high water, 135 ft.; height of centre of cables at top of towers above high water, 335 ft.; width of carriage ways, each 18 ft.; width of two foot-walks, each 12 ft.; width of four trolley-car tracks, centre to centre, 10 ft.; width of two elevated railroad tracks, centre to centre, 12 ft. New York side—North caisson, 54.8 ft. below low water mark; south caisson, 70 ft. Brooklyn side—North caisson, 100 ft. below low water mark; south caisson, 75 ft. The tower foundations are 23 ft. above high water mark and the towers that are to be placed on top of them will be made of steel. The estimated cost is about $12,000,000. The structure may be completed in about seven years.

NEW EAST RIVER BRIDGES.

On December 1, 1899, Bridge Commissioner Shea sent a letter to Mayor Van Wyck and the Board of Estimate, asking for an appropriation of $1,000,000 to begin the construction of the two projected bridges over the East River. Both these bridges will be of the cantilever construction. That which will extend from 60th Street, over Blackwell's Island, to Long Island City, will cost, according to estimates, $12,548,500, and the other, which will have its Manhattan terminus at Pike Slip and its Brooklyn end at Washington Street, $15,833,600.

ACROSS THE HARLEM RIVER.

Second Avenue....	Suburban Transit R. R.	Dyckman Street.....	Foot Bridge.
Third Avenue.....	Public Bridge of steel.	West 224th Street.....	Farmer's Bridge.
Park Av. & 133d St.	N. Y. C. & H. R. Railroad B.	Spuyten Duyvil Creek..	King's Bridge.
Madison Avenue ..	Public Bridge to 138th Street.	Junction with Hudson River	Ship Canal Bridge.
Macomb's Dam....	Public Bridge.	Willis Ave. (building)...	125th St. & First Ave. to 134th St. & Willis Ave.
West 173d Street..	High Bridge Aqueduct.		
Eighth Avenue	N. Y. & Putnam R. R. Bridge.		
West 181st Street.	Washington Bridge.		

High Bridge, over which the Croton water of the old aqueduct passes, is 1,460 feet long, supported by 13 arches on granite piers, the highest arch being 116 feet above water level. Washington Bridge, at 10th Avenue and West 181st Street, is 2,400 feet long and 80 feet wide. The central arches are 510 feet each, and 135 feet above high water.

Baths in Manhattan and Bronx Boroughs.

THE free public baths of the City of New York are located on the Hudson and East Rivers as follows:

Hudson River.

Battery.
Foot of Duane Street.
" West Twentieth Street.
" West Fifty-first Street.
" West Eighty-second Street.
" West One Hundred and Thirty-fourth Street.

East River.

Foot of Market Street.
" Corlears Street.
" Fifth Street.
" East Eighteenth Street.
" East Twenty-fourth Street.
" East Fifty-first Street.
" East Ninety-first Street.
" East One Hundred and Twelfth Street.
" East One Hundred and Thirty-sixth Street.

Visitors to the public baths are required to furnish their own towels and bathing suits. These must be removed when the bathers leave the place. The days for bathing in the season (June 12 to September 17) are: For females, Mondays, Wednesdays, and Fridays; for men and boys, the other days of the week and half a day on Sunday. The hours for bathing are from 5 o'clock in the morning until 9 o'clock in the evening. In very warm weather the bath-houses are open all night. Policemen are in attendance to preserve order and enforce the rules

The bath-houses will accommodate 400 persons at trips of twenty minutes each. Each bather is allowed twenty minutes in the water In each bath-house are two tanks: for adults, 4 feet 6 inches of water; children, 2 feet 6 inches. Last year about 3,872,486 baths were taken in the public baths, about one-quarter by women and girls.

Hospitals in Manhattan and Bronx Boroughs.

American Veterinary, 141 W. 54th St.
Babies', 659 Lexington Ave.
Bellevue, foot E. 26th St.
Beth Israel, 206 E. Broadway.
Colored Home and Hospital, 1st Ave., cor. 65th St.
Columbus, 226 E. 20th St.
Emergency for Women, 223 E. 26th St.
Flower, Ave. A., cor. E. 63d St.
Fordham Reception, 2456 Valentine Ave.
French Benevolent Society, 320 W. 34th St.
General Memorial, 2 W. 106th St.
German, E. 77th St., cor. Park Ave.
Gouverneur, Gouverneur Slip, cor. Front St.
Hahnemann, Park Ave., near E. 67th St.
Harlem Eye, Ear, and Throat Infirmary, 144 E. 127th St.
Harlem, 533 E. 120th St.
J. Hood Wright Memorial Hospital, 503 W. 131st St.
Laura Franklin, Free Hospital for Children, 17 E. 111th St.
Lebanon, Westchester Ave., near Cauldwell Ave.
Loomis (for Consumptives), 104 W. 49th St.
Manhattan Eye and Ear, 103 Park Ave.
Maternity, E. 69th St., cor. 3d Ave.
Maternity Hospital of the New York Mother's Home of the Sisters of Misericorde, 531 E. 86th St.
Metropolitan Throat, 351 W. 34th St.
Mothers and Babies', 596 Lexington Ave.
Mt. Sinai, Lexington Ave., cor. E. 66th St.
New Amsterdam Eye and Ear, 230 W. 38th St.
New York, 7 W. 15th St.
New York College of Veterinary Surgeons, 154 E. 57th St.
New York Eye and Ear Infirmary, 218 2d Ave.
New York Infirmary for Women and Children, 5 Livingston Place.
New York Medical College and Hospital for Women, 213 W. 54th St.
New York Ophthalmic and Aural Institute, 46 E. 12th St.
New York Ophthalmic, 201 E. 23d St.
New York Orthopœdic, 126 E. 59th St.
New York Polyclinic, 214 E. 34th St.
New York Post-Graduate, 301 E. 20th St.
New York Red Cross, 259 W. 93d St.
New York Sanitarium, 247 W. 49th St.
New York Skin and Cancer, 330 2d Ave.
New York Society for the Relief of the Ruptured and Crippled, 135 E. 42d St.
New York Throat and Nose, 244 E. 59th St.
Nursery and Child's, 571 Lexington Ave.
Old Marion St. Maternity, 139 2d Ave.
Pasteur Institute, 313 W. 23d St.
Presbyterian, 70th St., near Park Ave.
Riverside, North Brother Island.
Riverside (Reception), foot E. 16th St.
Roosevelt, W. 59th St., near 9th Ave.
St. Andrew's Convalescent Hospital for Women, 213 E. 17th St.
St. Andrew's Infirmary for Women, 37 W. 126th St.
St. Ann's Maternity, 130 E. 69th St.
St. Elizabeth's, 225 W. 31st St.
St. Francis', 609 Fifth St.
St. John's Guild Floating Hospital for Children, office, 1 Madison Ave.
St. Joseph's, E. 143d St., cor. Brook Ave.
St. Joseph's Infirmary, E. 82d St., n. Madison Ave.
St. Luke's, Amsterdam Ave., cor. W. 113th St.
St. Mark's, 177 2d Ave.
St. Mary's Free Hospital for Children, 407 W. 34th St.
St. Vincent's, 153 W. 11th St.
Sanitarium for Hebrew Children, 148 Wooster St.
Seton (for Consumptives), Spuyten Duyvil.
Skene Hospital for Self-supporting Women. 40 W. 47th St.
Sloane Maternity, W. 59th St., c. Amsterdam Ave.
Society of Lying-in Hospital, 7 Livingston Place 314 Broome St.
Trinity Hospital, 50 Varick St.
United States Marine (office, Battery).
Willard Parker, foot E. 16th St.
Woman's, E. 50th St., cor. Park Ave.
Woman's Infirmary and Maternity Home, 247 W. 49th St.

Width of Sidewalks in Manhattan Borough.

In streets 40 feet wide.....10 ft.
" " 50 " " .....13 "
" " 60 " " .....15 "
" " 70 " " .....18 "
" " 80 " " .....19 "
" " above 80, not exceeding 100 feet. 20 "
" all streets more than 100 feet.....22 "
" Lenox and 7th Aves., north of W. 110th. 35 "
" Grand Boulevard .....24 "
" Manhattan St.....15 "
" Lexington Ave.....18 " 6 in.

In Madison Ave.....19 ft.
" 5th Ave .....30 "
" St. Nicholas Ave .....22 " 6 in.
" Park Ave. from E. 49th to E. 56th St., and from E. 96th St. to Harlem River 15 "
" West End Ave .....30 "
" Central Park West, from W. 59th St. to W. 110th, east side.....27 "
" Central Park West, from W. 59th St. to W. 110th, west side.....26 "

Churches in Manhattan and Bronx Boroughs.

WITH NAMES OF PASTORS.

BAPTIST.

Baptist Ministers' Conference meets every Monday at 11 A.M., at 182 5th Ave.

Abyssinian, 166 Waverley Pl. Robert D. Wynn.
Alexander Ave., cor. E. 141st St. Adelbert Chapman.
Amity, W. 54th St., bet. 8th and 9th Aves. Leighton Williams.
Antioch, 136 W. 32d St. James W. Fisher.
Ascension, 160th St., bet. Morris and 4th Aves.
Beth Eden, Lorillard Pl., near E 187th St. Frank Johnson.
Calvary, W. 57th St., bet. 6th and 7th Aves. R. S. MacArthur.
Central, W. 42d St., near 8th Ave. F. M. Goodchild.
Central Park, E. 83d St., bet. 2d and 3d Aves. H. M. Warren.
Church of the Epiphany, 64th St. and Madison Ave. Howard L. Jones.
Church of the Redeemer, W. 131st St., bet. Lenox and 7th Aves. J. C. St. John.
Day Star, 501 W. 157th St. J. W Scott.
Eagle Ave., Eagle Ave., near 162d St. H. Marschuer.
Ebenezer (Primitive), 154 W. 36th St.
Emanuel, 47 Suffolk St.
Emanuel (German), 1151 1st Ave. Karl Roth.
Fifth Ave., 6 W. 46th St.
First, W. 79th St., cor. Boulevard. I. M. Haldeman.
First German, 336 E. 14th St. G. A. Guenther.
First German, 220 E. 118th St. R. T. Wegener.
First Italian, cor. Oliver and Henry Sts. A. Dassori.
First Seventh Day, 52 E. 23d St. J. G. Burdick.
First Swedish, E. 55th St., bet. 3d and Lexington Aves. A. P. Ekman.
Hope, cor. 104th St. and Boulevard. R. Hartley.
Immanuel, Williamsbridge. C. Grennell.
Lexington Ave., E. 111th St. cor. Lexington Ave. J. L. Campbell.
Madison Ave., cor. Madison Ave. and E. 31st St. H M. Sanders.
Mariner's Temple, 12 Oliver St. Henry Camp.
Memorial, Washington Sq. S., corner Thompson. Edward Judson.
Morningside, W. 116th St., near 8th Ave. D. A. MacMurray.
Morning Star Mission for Chinese, 17 Doyers St.
Mount Gilead, 104 E. 126th St. B. H. Walker.
Mount Morris, 5th Ave., near W. 126th St. W. C. Bitting.
Mount Olivet, 161 W. 53d St. C. T. Walker.
North, 234 W. 11th St. C. E. Nash.
Pilgrim, Boston Road, near Vyse Ave. J. Hooper.
Riverside, 92d St., cor. Amsterdam Ave. R. B. Smith.
Second Ave., 164 2d Ave. J. A. Francis.
Second German, 407 W. 43d St. Gottlob Fetzer.
Sharon, 203 E. 97th St. G. W. Bailey
Shiloh, N. W. cor. 129th St. and Park Ave.
Sixteenth St., 257 W 16th St A W. H. Hodder.
Sixty-seventh St. (German), 223 W. 67th St.
Thessalonian, 3d Ave. and 175th St. J. I. Rivers.
Third German, 1127 Fulton Ave. R. Hoefflin.
Tremont, 1815 Washington Ave A. E. Knapp.
Union, 223 West 67th St. G. H. Sims.
Washington Heights, 145th St. and Convent Ave. B. B. Bosworth.
West 33d St., 327 W 33d St. E S Holloway.
Zion, 164 W. 26th St. W. L. Hubbard.

CONGREGATIONAL.

Bedford Park, Bainbridge Ave., cor. Suburban. Wayland Spaulding.
Bethany, 10th Ave., near 35th St. N. M. Pratt.
Broadway Tabernacle, Broadway and 34th St Chas. E. Jefferson.
Camp Memorial, 141 Chrystie St. Henry G. Miller.
Christ, Gray, cor. Topping St. Henry M. Brown.
Forest Ave., E. 166th St. and Forest Ave. Adam Reoch.
Hope, E. 185th St. and Trinity Ave. Wm. T. Stokes.

CONGREGATIONAL—Continued.

Manhattan, W. 83d St. and Boulevard. H. A. Stimson.
North New York, E. 143d St., near Willis Ave. Wm. H. Kephart.
Pilgrim, Madison Ave., cor. 121st St
Sherman Square, Sherman Sq. William Lloyd.
Smyrna (Welsh), 206 E. 11th St. W. T. Williams.
Spanish Evangelical, Madison Ave., cor. 121st St. Jas. M. Lopez.
Trinity, Washington Ave., cor. E. 176th St.

DISCIPLES OF CHRIST.

Disciples of Christ, 323 W. 56th St. W. C. Payne.
Lenox Ave. Union, 119th St., near Lenox Ave. J. M. Philputt.
Second, E. 169th St., near Franklin Ave. S. T. Willis.

EVANGELICAL.

Dingeldein Memorial (German), 429 E. 77th St. C. Philipbar.
First Church of the Evangelical Association, 214 W. 35th St. John Reuber.
German Evangelical of Yorkville, 339 E. 84th St. Henry Heitler.
Second Church of the Evangelical Association, 424 W. 55th St. D. Schnebel.
St. Paul's, 159 E. 112th St. C. Buckisch.
Swedish Bethesda, 240 E. 45th St. Karl Erixon.

FRIENDS.

East 15th St., cor. Rutherfurd Pl.
Twentieth St., 144 E. 20th St.

JEWISH.

Adas Israel, 350 E. 57th St. Moses Maisner.
Adereth El, 135 E. 29th St. L. A. Alexander.
Agudath Jeshorim, 115 E 86th St. A. Calman.
Ahawath B'nach, 71 Sheriff St.
Ahawath Chesed, 652 Lexington Ave. David Davidson.
Ansche Sfard, 99 Attorney St.
Anshe Ames, 44 E. Broadway.
Atereth Israel, 323 E. 82d St. M. Krauskopf.
Ateris Zwie, E. 121st St., near 1st Ave. Leopold Levkowitz.
Beth-El, 76th St. and 5th Ave. Kaufmann Kohler.
Beth Hamedrash Hagodal, 54 Norfolk St. Jacob Joseph.
Beth Hamedrash Shaari Torah, 80 Forsyth St.
Beth Israel Bikur Cholim, 72d St. and Lexington Ave. F. Vidaver.
B'nai Israel, 225 E. 79th St. Isaac Noot.
B'nai Jeshurun, 65th St. and Madison Ave. Stephen S. Wise.
B'nai Peyser, 316 E. 4th St.
B'nee Sholom, 630 5th St. Daniel Loewenthal.
Brith Solam, 54 Pitt St. M. Wechsler.
Chaari Zedek, 38 Henry St. Leopold Zinsler.
Chefra Kadischa Talmud Thora, 622 5th St. Julius Levy.
Darech Amuno, 278 Bleecker St. F Light.
Emuno Israel, 301 W. 29th St. A. Guranowsky.
First Galiz Duckler Mugan Abraham 87 Attorney St. Naftali Reiter.
First Roumanian Am. Congregation, 70 Hester St. Abram Zolish.
Kahal Adath Jeshurun, 14 Eldridge St.
Kehilath Jeshurun, 127 E. 82d St. Meyer J. Peikes.
Kol Israel Ansche Poland, 22 Forsyth St. J. Bloch.
Leah M. Sholom, 2314 2d Ave.
Machzika Torah Anshar Sineer, 34 Montgomery St.
Mate Lewi, 49 E. Broadway.
Meshkan Israel Ansche Suvalk, 56 Chrystie St.
Mount Zion, 113th St. and Madison Ave. H. Lustig.
Nachlass Zwee, 170 E. 114th St. Philip H. Diamentstein.
Ohab Zedek, 172 Norfolk St. Philip Klein.
Orach Chaim, 894 1st Ave. Abraham Neumark.
Rodoph Sholom, 63d St. and Lexington Ave. Rudoph Grossman.
Shaarai Berocho 138 E. 50th St. Gabriel Hirsch.
Shaarai Tephilla, W. 82d St., near Amsterdam Ave. F. de Sola Mendes.

CHURCHES IN MANHATTAN AND BRONX BOROUGHS—*Continued.*

JEWISH—Continued.

Shearith B'nai Israel, 638 6th St.
Shearith Israel, Central Park West, cor. 70th St. H. P. Mendes.
Sons of Israel, 15 Pike St.
Talmud Torah, 38 Hester St. Hyman Weinstein.
Temple Emanu-El, 5th Ave. and 43d St. Joseph Silverman.
Temple Israel, 125th St. and 5th Ave. M. H. Harris.
Tiffereth Israel, 126 Allen St. B. Silberman.
Zichron Ephraim, 67th St., near Lexington Ave. B. Drachman.

LUTHERAN.

Advent, Boulevard, near 81st St. G. F. Krotel.
Atonement, Edgecombe Ave. and 140th St. F. H. Knubel.
Bethany, 14 Teasdale Pl. J. F. W. Kitzmeyer.
Christ, 406 E. 19th St. George U. Wenner.
Church of Our Saviour, 179th St. and Audubon Ave. W. H. Feldman.
Danish Lutheran, 72 E. 128th St. R. Anderson.
Emigrant House Chapel, 26 State St. H. J. Berkemeier.
Epiphany, 72 E. 128th St. J. W. Knapp.
Grace, 123 W. 71st St. J. A. Weyl.
Gustavus Adolphus, 151 E. 22d St. Mauritz Stolpe.
Harlem Swedish, 191 E. 121st St. N. E. Kron.
Immanuel, 215 E. 83d St. J. C. Renz.
Immanuel, 88th St., cor. Lex. Ave. E. Schoenfeld.
Our Saviour, 179th St. and Audubon Ave. W. H. Feldmann.
Redeemer, 127 W. 45th St. Wm. Dallmann.
St. James', Madison Ave., cor E. 73d St. J. B. Remensnyder.
St. John's, 81 Christopher St. John J. Young.
St. John's, 217 E. 119th St. H. C. Steup.
St. John's, Fulton Ave. and 170th St. H. Beiderbecke.
St. Luke's, 233 W. 42d St.
St. Luke's, Adams St. and Morris Park Ave., Van Nest. W. Eickmann.
St. Mark s. 323 6th St. G. C. F. Haas.
St. Matthew's, 354 Broome St. J H. Sieker.
St. Matthew's, E. 156th St., near Courtlandt Ave. Paul Schneider.
St. Paul's. 313 W. 22d St. Leo Koenig.
St. Paul s, 149 W. 123d St. J. A. W. Haas.
St. Paul's, Westchester Ave. and 156th St. G. Tappert.
St. Peter's, Lexington Ave. and 46th St. E. F. Moldenke and A. B. Moldenke
St. Peter's, Alexander Ave. and 141st St. H. A. T. Richter.
St. Stephen's, Union Ave., near 165th St. H. Rippe.
Trinity, 139 Ave. B. Otto Graesser.
Trinity, W 100th St., near 10th Ave. E. Brennecke.
Washington Heights, Amsterdam Ave. and 156th St. E. A. Tappert.
Zion, 339 E. 84th St. H. Hebler.

METHODIST EPISCOPAL.

Denominational Headquarters, 150 *5th Ave.*

Allen St. Memorial, 91 Rivington St. B. F. Saxten.
Battery Park 27 State St. F O Logren.
Bedford St., 28 Morton St. Charles A. Holla.
Beekman Hill, 319 E. 50th St. D W Couch.
Blinn Memorial (German), 103d St. and Lexington Ave Paul Quattlander.
Calvary, 129th St. and 7th Ave W. P. Odell.
Centenary, Wash'n Av. & E. 166th St. A. Ostrander.
Century, Boston Rd., Williamsbridge. Angelo Ostrander
Chelsea, 329 W. 30th St. E. Hunt.
Church of the People 63 Park St. A. K. Sanford.
Church of the Saviour 109th St. and Madison Ave. F. Hermance.
Cornell Memorial, E. 76th St., near 2d Ave. C. P. Tinker.
Duane, 294 Hudson St. F. H. Carpenter.
Eighteenth St., 307 W 18th St. W. McK. Darwood.
Eleventh St. Chapel, 545 E. 11th St. E. L. Fox.
Fifty-sixth St., 440 W. 56th St. W. F. Ottarson.

METHODIST EPISCOPAL—Continued.

First German, 252 2d St. H. Muller.
Five Points Mission, 155 Worth St.
Fordham, 2700 Marion Ave.
Forsyth St., 10 Forsyth St. F. J. Shackleton.
Forty-fourth St., 461 W. 44th St. W. E. Clarke.
German, Elton Ave., cor. E. 158th St. H. Kastendieck.
German, 350 W. 40th St. F. H. Rey.
Grace, 131 W. 104th St. Philip M. Watters.
Hedding, 337 E. 17th St. J. H. Fairchild.
Hope of Israel Mission, 209 Madison St. A. C. Gaebelein.
Jane St., 13 Jane St. T. S. Bond.
John St., 44 John St. W. C. Blake.
Madison Av., Madison Av., c. 60th St. A. Longacre.
Metropolitan Temple, 58 7th Ave. S. P. Cadman.
Morris Heights, Morris Heights Station. G. H. Gregory.
Mott Ave., Mott Ave., cor. E. 150th St. J. S. Stone.
North New York, Willis Ave., cor. E. 141st St. W. H. Barton.
Olin, White Plains Road, Williamsbridge. T. L. Poulson.
Park Ave., Park Ave., cor 86th St. E. S. Osbon.
Perry St., 132 Perry St. J. C. Coddington.
Rose Hill, 221 E. 27th St. H. C. Weston.
St. Andrew's, 126 W. 76th St. J. O. Wilson.
St. James', Madison Ave. & 126th St. E. S. Tipple.
St. Mark's, W. 53d St. & 8th Ave. W. H. Brooks.
St. Paul's, 86th St. and West End Ave. Geo. P. Eckman.
St. Paul's (German), 308 E. 55th St. L. Walton.
St. Stephen's, Kingsbridge Road and Terrace View. B. H. Burch.
Second St., 276 2d St. A. C. Morehouse.
Seventh St., 24 7th St. F. H. Smith.
Sixty first St., 229 E. 61st St. E. A. Dent.
Swedish, Lexington Ave., cor. E. 52d St. O. Swanson.
Thirty-fifth St., 460 W. 35th St. J. H. Phillips.
Thirty-seventh St., 237 E. 37th St. E. C. Hoag.
Tremont. Washington Ave., cor. E. 176th St. J. W. Campbell
Trinity, 323 E. 118th St. James Montgomery.
Trinity, Main St., City Island. W. A. Richard.
Twenty-fourth St., 359 W. 24th St. Edwin Hunt.
Union, 48th St., near Broadway. B. C. Warren.
Wakefield, White Plains Road. J. J. Moffett.
Washington Heights, Amsterdam Ave., cor. 153d St. A. E. Barnett.
Washington Sq., 133 W. 4th St. W. F. Anderson.
Westchester, West Farms Road. W. H. F. Fleming.
West Farms, 1264 Tremont Ave. F. L. Strickland.
Willett St., 9 Willett St. I. A. Marsland.
Woodlawn, Woodlawn. N. B. Thompson.
Woodstock, E. 161st St., near Prospect Ave. N. Hubbell.

METHODIST EPISCOPAL (AFRICAN).

Bethel, 239 W. 25th St. John M. Henderson.
Little Zion, 236 E. 117th St.
Union American, 230 E. 85th St. G. W. Long.
Zion, 351 Bleecker St. M. R. Franklin.

PRESBYTERIAN.

Denominational Headquarters, 156 *5th Ave.*

Adams Memorial, 211 E. 30th St. Jesse F. Forbes.
Alexander Chapel, 7 King St. Hugh Pritchard.
Bethany. E 137th St., n Willis Ave. G. W. F. Birch.
Bohemian, 349 E. 74th St. Vincent Pisek.
Brick 5th Ave., cor. 37th St. Maltbie D. Babcock.
Central, W. 57th St., bet. Broadway and 7th Ave. Wilton Merle Smith.
Christ, 228 W. 35th St. R. R. Wightman
Covenant, 310 E. 42d St. G. S. Webster.
East Harlem, 116th St., bet. 2d and 3d Aves.
Faith, 365 W. 48th St. J. H. Hoadley.
Fifth Ave., 5th Ave., cor. 55th St. George T. Purves
First, 54 5th Ave. Howard Duffield.
First, Tremont, Washington Ave., near E. 174th St. George Nixon.
First Union. 147 E. 86th St. M. S. Littlefield, Jr.
Fourth. West End Ave. and 91st St. J. Wilber Chapman.

CHURCHES IN MANHATTAN AND BRONX BOROUGHS—*Continued.*

PRESBYTERIAN—Continued.

Fourth Ave., 4th Ave. and 22d St. W. D. Buchanan.
Fourteenth St., 14th St., cor. 2d Ave. F. B. Richards.
French Evang., 126 W. 16th St. H. L. Grandlienard.
Good Shepherd, 152 W. 66th St. D. E. Lorenz.
Harlem, 125th St., near Madison Ave. D. Russell, Jr.
Knox, cor. 72d St. and 2d Ave. Wm. Hughes.
Lenox, 139th St., near 8th Ave. T. W. Smith.
Madison Ave., Madison Ave., cor. 53d St. H. A. Johnston.
Madison Sq., 24th St. and Madison Ave. Charles H. Parkhurst.
Mizpah Chapel, 420 W. 57th St. I. P. Withington.
Morningside, Morningside Ave. and W 122d St. J. C. A. Becker.
Morrisania First, Washington Ave. and 167th St. S. L. Hillier.
Mount Tabor, 176 E. 106th St. H. G. Miller.
Mount Washington, Inwood. George S. Payson.
New York, 7th Ave. and 128th St. D. J. McMillan.
North, cor. 9th Ave. and 31st St.
Park, 86th St. & Amsterdam Ave. A. P. Atterbury.
Phelps Mission, 314 E. 35th St.
Phillips, Madison Ave. and E. 73d St. John E. Bushnell.
Riverdale, Riverdale. Ira S. Dodd.
Romeyn Chapel, 420 E. 14th St.
Rutgers Riverside, Boulevard and W. 73d St. S. McComb.
St. James', 211 W. 32d St. P. B. Tompkins.
Scotch, 95th St. and Central Park W. D. G. Wylie.
Sea and Land, 61 Henry St. J. H. Denison.
Second German, 435 E. Houston St. Conrad Doench.
Seventh, cor. Broome & Ridge Sts. John T. Wilds.
Spring St., Spring St., near Varick St.
Thirteenth St., 145 W. 13th St.
Throgg's Neck, First, Ft. Schuyler Road. R. B. Matice.
University Pl., University Pl., cor. 10th St. George Alexander.
Washington Heights, Amsterdam Ave. and 155th St. John C. Bliss.
West, 42d St., bet. 5th and 6th Aves. A. H. Evans.
West End, 105th St. and Amsterdam Ave. J. B. Shaw.
West Farms, 1243 Samuel St. Charles P. Mallery
West Fifty-first St., 359 W. 51st St. T. Douglass.
Westminster, 210-212 W. 23d St. Robert F. Sample.
Woodstock, E. 165th St. and Boston Ave. A. L. R. Waite.
Zion (German), 135 E. 40th St., near Lexington Ave. M. Mueller.

PROTESTANT EPISCOPAL.

Diocesan House, 29 Lafayette Place.

Rt. Rev. Henry C. Potter, Bishop of New York, 29 Lafayette Place.
Cathedral of St. John the Divine, Columbus Ave. and 110th St. C. C. Tiffany, G. F. Nelson, F. L. Humphreys, R. L. Paddock.
All Angels', 81st St., cor. West End Ave. S. Delancey Townsend.
All Saints', 286 Henry St. W. N. Dunnell.
All Souls', Madison Ave. and 66th St. R. Heber Newton.
Anglo-American Free Church of St. George the Martyr, 222 W. 11th St.
Ascension, 36 5th Ave., cor. 10th St. Percy S. Grant.
Ascension Memorial, 330 W. 43d St. J. F. Stern.
Beloved Disciple, 89th St., near Madison Ave. H. M. Barbour.
Calvary, 273 4th Ave., J. L. Parks; Chapel, 220 E. 23d St., S. H. Watkins; Galilee Mission, 346 E. 23d St.
Chapel of Christ the Consolcr, foot E. 26th St. C. S. Brown.
Chapel of St. Elizabeth of Hungary, 2 W. 106th St. G. S. Pratt.
Chapel of the Comforter, 10 Horatio St. James Sheerin.
Chapel of the Good Shepherd, Blackwell's Island. I. W. Beard.
Christ, Boulevard and W. 71st St. J. S. Shipman.

PROTESTANT EPISCOPAL—Continued.

Christ, Riverdale J. W. Hegeman.
Du St. Esprit, 30 W 22d St. A. Y. Wittmeyer.
Epiphany, 259 Lexington Ave J. Hutcheson.
God's Providence Mission 330 Broome St. T. G. Littell.
Grace, 800 Broadway. W. R. Huntington.
Grace, Main St., City Island. A. Forbes.
Grace, West Farms, Vyse Ave., near Tremont Ave. A. J. Derbyshire.
Grace Chapel, 414 E. 14th St. George H. Bottome.
Grace Emanuel, 212 E. 116th St. W. K. McGowan.
Heavenly Rest, 551 5th Ave. D. P. Morgan.
Holy Apostles, 300 9th Ave. B. E. Backus.
Holy Comforter, 343 W. Houston St. W. A. A. Gardner.
Holy Communion, 324 6th Ave. H. Mottet.
Holy Cross, 43 Avenue C. J. G. Cameron.
Holy Faith, E. 166th St., n. Boston Ave. V. C. Smith.
Holyrood, Kingsbridge Road and 181st St.
Holy Sepulchre, E. 74th St., near Park Ave. T. P. Hughes.
Holy Trinity, W. 122d St. and Lenox Ave. H. P. Nichols.
Incarnation, 205 Madison Ave., cor. 35th St. W. M. Grosvenor.
Intercession, 158th St. and 11th Ave, L. H. Schwab.
"Little Church Around the Corner" (Transfiguration), 5 E. 29th St. G. C. Houghton.
Mediator, 2937 Church St., Kingsbridge. John Campbell.
Messiah, 95th St., near 3d Ave. G. M. Wilkins.
Mission of P. E. Church, for Seamen, 21 Coenties Slip. Isaac Maguire.
Our Saviour, foot Pike St., E. R. A. R. Mansfield
Pro-Cathedral, 130 Stanton St. R. L. Paddock.
Reconciliation, 242 E. 31st St. H. R. Wodleigh.
Redeemer, 136th St., near 7th Ave. W. E. Johnson.
St. Agnes' Chapel (Trinity Parish), 92d St., near Columbus Ave. C. T. Olmsted.
St. Ambrose's, 117 Thompson St. Stephen Innes.
St. Andrew's, 127th St., near 5th Ave. G. R. Van De Water.
St. Ann's, St. Ann's Ave., near E. 140th St. G. W. Harris.
St. Ann's, W 150th St. Thomas Gallaudet.
St. Augustine's Chapel (Trinity Parish), 105 E. Houston St. A. C. Kimber.
St. Barnabas' Chapel, 306 Mulberry St. Geo. F. Nelson.
St. Bartholomew's, 348 Madison Ave., D. H. Greer; Mission at 207 E. 42d St.; Oriental Mission, 209 E. 42d St., A. Yohannan; Swedish Chapel, 121 E. 127th St., Hugo Holmgrem.
St. Chrysostom's Chapel (Trinity Parish), 201 W. 39th St. T. H. Sill.
St. Clement's, 108 W. 3d St. E. H. Van Winkle.
St. Cornelius', 423 W. 46th St. I. C. Sturges.
St. Cornelius' Chapel, Governor's Island. E. H. C. Goodwin.
St. David's, 611 E. 158th St. Edward G. Clifton.
St. Edward the Martyr, 109th St., near 5th Ave. E. W. Neil.
St. George's, Park Ave., Williamsbridge. F. N. Strader.
St. George's, 7 Rutherfurd Pl. W. S. Rainsford.
St. Ignatius', 56 W. 40th St. Arthur Ritchie.
St. James', 71st St., cor. Madison Ave. E. W. Warren.
St. James', Fordham, Jerome Ave., cor. St. James St. C. J. Holt.
St. John the Evangelist, 222 W. 11th St. A. B. Howard.
St. John's Chapel (Trinity Parish), 46 Varick St. P. A. H. Brown.
St. Luke's, Convent Ave., cor. W. 141st. J. T. Patey.
St. Luke's Chapel (Trinity Parish), Hudson St., opp. Grove St. P. A. H. Brown.
St. Mark's, 2d Ave. and 10th St. Loring G. Batten.
St. Mark's Chapel, 288 E. 10th St. T. M. Sharpe.
St. Mary's, Alexander Ave., cor. 142d St. J. Reynolds, Jr.
St Mary's, Lawrence St., near Amsterdam Ave. H. R. Hulse.
St. Mary the Virgin, W. 46th St. and 6th Ave. G. M. Christian.

CHURCHES IN MANHATTAN AND BRONX BOROUGHS—*Continued.*

PROTESTANT EPISCOPAL—Continued.

St. Matthew's, W. 84th St., near Central Park. E. H. Kranz.
St. Michael's, Amsterdam Ave., near W 99th St. J. P. Peters.
St. Paul's, Washington Ave., near 170th St. R. F. Humphreys.
St. Paul's (Trinity Parish), Broadway and Vesey St. W. M. Geer.
St. Peter's, 342 W. 20th St. O. S. Roche.
St. Peter's, Westchester Ave. F. M. Clendenin.
St. Philip's, 161 W. 25th St. H. C. Bishop.
St. Stephen's, 59½ W 46th St.
St. Thomas', 5th Ave. cor 53d St. J. W. Brown.
St. Thomas' Chapel, 230 E. 60th St. W. H. Pott.
Transfiguration ("Little Church Around the Corner") 5 E. 29th St. G. C. Houghton.
Transfiguration Chapel, W. 69th St., near Boulevard.
Trinity, Broadway and Rector St. Morgan Dix.
Trinity Chapel, 15 W 25th St. W. H. Vibbert.
Trinity, E. 164th St., near Boston Rd. A. S. Hull.
Zion and St. Timothy, 332 W 57th St. H. Lubeck.

REFORMED CHURCH IN AMERICA.

Denominational Headquarters, Reformed Church Building, 25 E. 22d St.

Anderson Memorial, cor. E. 183d St. and Monroe Ave. J Hunter.
Bloomingdale. Boulevard, cor. W. 68th St. M. C. Peters.
Church of the Comforter, Morris Ave. and Bonner Pl. H. V. S. Myers.
Collegiate, 5th Ave., cor. W 48th St. D. S. Mackey.
Collegiate, 77th St. and West End Ave. H. E. Cobb.
Collegiate, 307 W. 34th St. J. H. Elliott.
Collegiate Chapel, 113 Fulton St. C. F. Cutter.
Collegiate of Harlem, 1st Church, 191 E. 121st St. J. Elmendorf and E. Tilton, Jr.
Collegiate of Harlem, 2d Church, W. 123d St. and Lenox Ave.
First Fordham, Kingsbridge Road, near Jerome Ave. J. M. Hodson.
Fourth German 244 W. 40th St. J H. Oerter.
German Evangelical Mission, 141 E. Houston St. J. W Geyer.
Grace, 845 7th Ave J R. Duryee.
Hamilton Grange, W. 145th St. and Convent Ave. C. B. Chapin.
Knox Memorial Chapel, 41st St. and 9th Ave. William Vaughan.
Madison Ave., Madison Ave., cor. 57th St. A. E. Kittredge.
Manhattan, 71 Ave. B. Jacob Schlegel.
Marble Collegiate, 5th Ave., cor W. 29th St. David J. Burrell.
Melrose, Elton Ave., cor. E. 156th St. G. H. Miller.
Middle Collegiate 2d Ave., near 7th St. J. G. Fagg.
Mott Haven, 3d Ave., cor. 146th St.
Prospect Hill, Park Ave. and E. 89th St. D. McL. Quackenbush.
South, Madison Ave., cor 38th St. Roderick Terry; Manor Chapel, 348 W 26th St., James Palmer; Rogers Chapel, 204 W. 18th St., A. H. Fish.
Union, Ogden Ave. and Birch St., Highbridge. J. B. Voorhees.
University Heights College Chapel, New York University. F S Schenck.
Vermilye Chapel, 416 W. 54th St A. H Bradshaw.
West Farms, Boston Road, cor. Clover St. H. C. Weber.

REFORMED EPISCOPAL.

First, Madison Ave., cor. 55th St. William T. Sabine.

REFORMED CHURCH IN THE U. S.

Bethany, 235 E. 109th St. Paul Sommerlatte.
Harbor Mission, 30 State St. Paul Sommerlatte.
Martha Memorial, 419 W. 52d St. Paul H. Schnatz.

REFORMED PRESBYTERIAN.

First, 123 W. 12th St. James D. Steele.
Fourth, 304 W 122d St. T. M. Carlisle.
Second, 227 W. 39th St. Robert M. Sommerville.
Third, 238 W. 23d St. Finley M. Foster.

ROMAN CATHOLIC.

Most Rev. M. A. Corrigan, Archbishop, 452 Madison Ave.
All Saints', Madison Ave., cor. 129th St. J. W. Power.
Annunciation, B. V. M., Broadway, cor. 131st St. W. L. Penny.
Ascension, 107th St. and Amsterdam Ave. Michael F. Reinhardt.
Assumption, 427 W 49th St. Henry Nieuwenhuis.
Blessed Sacrament, W. 71st St., near Broadway. M. A. Taylor.
Epiphany, 373 2d Ave. D. J. McMahon.
Guardian Angel, 513 W. 23d St. John C. Henry.
Holy Cross, 335 W. 42d St. Charles McCready.
Holy Family, 9th St., Unionport. J. S. Mechler.
Holy Innocents, 126 W. 37th St. M. C. O'Farrell.
Holy Name of Jesus, Amsterdam Ave., cor. 96th St. James M. Galligan.
Holy Rosary, 442 E. 119th St. Francis H. Wall.
Holy Trinity, 229 W. 82d St. I. H. Bigley.
Immaculate Conception, 505 E. 14th St. J. Edwards.
Immaculate Conception (German), 639 E. 150th St. Henry Ottenbein.
Maronite Chapel, 81 Washington St. G. Korkemas.
Most Holy Redeemer, 165 3d St. W. Tewes.
Most Precious Blood, 115 Baxter St. F. Alhanasius.
Nativity, 48 2d Ave. William Everett.
Our Lady of Good Counsel, 236 E. 90th St. William J. O'Kelly.
Our Lady of Loretto, 303 Elizabeth St. N. Russo.
Our Lady of Mercy, E. 184th St., cor. Webster Ave. Michael McEvoy.
Our Lady of Mt. Carmel, 473 E. 115th St. J. Dolan.
Our Lady of Perpetual Help, 321 E. 61st St. John G. Kissner.
Our Lady of Sorrows, 105 Pitt St. C. Claude.
Our Lady of the Holy Scapular of Mt. Carmel, 337 E. 28th St. M. Daly.
Our Lady of the Rosary, 7 State St. M. J. Henry.
Our Lady of the Rosary at Pompeii, 214 Sullivan St. Anthony Demo.
Our Lady Queen of Angels, 228 E. 113th St. T. Grossman.
Our Lady "Star of the Sea," Main St., City Island. J. B. McGrath.
Sacred Heart, Anderson Ave., near Birch St. J. A. Mullen.
Sacred Heart of Jesus, 447 W. 51st St. J. F. Mooney.
St Agnes, 143 E. 43d St. Henry A. Brann.
St. Alphonsus', 312 W. Broadway. Peter Grein.
St. Ambrose, 515 W. 54th St. Morgan J. O'Connell.
St. Andrew's, Duane St., cor. City Hall Pl. L. Evers.
St. Ann's, 112 E. 12th St. Wm. A. O'Neill.
St. Anselm's, Tinton Ave., near E. 152d St. Alexius Edelbrock.
St. Anthony, 153 Sullivan St. A. Da Roccagorga.
St. Augustine's, E. 167th St., cor. Fulton Ave. T. F. Gregg.
St. Benedict the Moor, W. 53d St. J. E. Burke.
St. Bernard's, 332 W. 14th St. Gabriel A. Healy.
St. Boniface, 882 2d Ave. Ignatius M. Delveaux
St. Brigid's, 123 Ave. B. Patrick F. McSweeny.
St. Catharine of Genoa, W. 153d St., near Amsterdam Ave. E. F. Slattery.
St. Cecilia's, E. 106th St., near Lexington Ave. Michael M. J. Phelan.
St. Charles Borromeo, 142d St., near 7th Ave. H. J Gordon.
St. Columba's, 339 W. 25th St. Henry Prat.
St. Elizabeth's, 187th St., cor. Broadway. Thos. F. Lynch.
St. Elizabeth of Hungary, 345 E. 4th St. F. Denes.
St. Francis de Sales, 234 E. 96th St. J. L. Hoey.
St. Francis of Assisi, 139 W. 31st St. Ludger Beck.
St. Francis Xavier, 36 W. 16th St. T. E. Murphy.

CHURCHES IN MANHATTAN AND BRONX BOROUGHS—*Continued.*

ROMAN CATHOLIC—Continued.

St. Gabriel's, 310 E. 37th St. John M. Farley.
St. Ignatius, Park Ave., cor. E. 84th St. N. N. McKinnon.
St. James', 32 James St. John J. Kean.
St. Jerome's, Alexander Ave., cor. 137th St. P. W Tandy.
St. Joachim, 24 Roosevelt St. Oreste Alussi.
St. John Baptist, 209 W. 30th St. B. Schmitz.
St. John Evangelist, 355 E. 55th St. James J. Flood.
St. John's, 291 Church St., Kingsbridge. Edward J. O'Gorman.
St. Joseph's, 59 6th Ave. D. P. O'Flynn.
St. Joseph's, 1850 Washington Ave. Peter Farrell.
St. Joseph's (German), 408 E. 87th St. A. Lammel.
St. Joseph's, 125th St., cor. Columbus Ave. G. Huntmann.
St. Leo's, 11 E. 28th St. Thomas J. Ducey.
St. Margaret's, Riverdale. James F. Kiely.
St. Mary Magdalen's, 527 E. 17th St. F. Siegelack.
St. Mary's, 438 Grand St. Nicholas J. Hughes.
St. Mary's, White Plains Road. John Carr.
St. Michael's, W. 32d St. & 9th Ave. John A. Gleeson.
St. Monica's, 409 E. 79th St. James Dougherty.
St. Nicholas', 125 2d St. John B. Mayer.
St. Patrick's, Mott St., cor. Prince St. J. F. Kearney.
St. Patrick's Cathedral, cor. 5th Ave. and 50th St. M. J. Lavelle.
St. Paul's, 121 E. 117th St. John McQuirk.
St. Peter's, 22 Barclay St. James H. McGean.
St. Philip, Bedford Park. D. F. Burke.
St. Raphael's, 509 W. 40th St. Mallick A. Cunnion.
St. Raymond's, West Farms Road, Westchester. E. McKenna.
St. Rose of Lima, 40 Cannon St. Edward McGinley.
St. Stanislaus', 43 Stanton St. J. H. Strzelecki.
St. Stephen's, 149 E. 28th St. Charles H. Colton.
St. Teresa's, Rutgers cor. Henry St. J. T. McEntyre.
St. Thomas the Apostle, W. 118th St., near St. Nicholas Ave. John J. Keogan.
St. Thomas Aquinas, 1271 Tremont Ave.
St. Valentine's, 7th St., Williamsbridge, J. Dworzak.
St. Veronica's, Christopher St., near Greenwich. D. J. McCormick.
St. Vincent de Paul, 127 W. 23d St. Theo. Wucher.
St. Vincent Ferrer, 871 Lex. Ave. P. V. Hartigan.
Transfiguration, 25 Mott St. Thos. P. McLoughlin.

UNITARIAN.

Denominational Headquarters, 104 E. 20th St.

All Souls', 245 4th Ave. Thomas R. Slicer.
Lenox Ave., cor. 121st St. Merle St. C. Wright.
Messiah, E. 34th St., cor. Park Ave. Minot J. Savage and R. Collyer.

UNITED PRESBYTERIAN.

First, 250 W. 34th St. Thomas W. Anderson.
Harlem, 302 E. 119th St. J. Kirkpatrick.
Seventh Ave., 29 7th Ave. J. Howard Tate.
Third, 41 Charles St. James A. Reed.
Washington Heights, 172d St. and Audubon Ave. J. C. K. Milligan.
West 44th St., 434 W. 44th St. Homer H. Wallace.

UNIVERSALIST.

Church of the Eternal Hope, 142 W. 81st St. W. S. Crowe.
Fourth (Divine Paternity), Central Park West and 76th St. Charles H. Eaton.

OTHER DENOMINATIONS.

Am. Heb. Christ'n Mission, 105 E. 22d St. B. Angel.
Am. Mission to the Jews, 424 Grand St.
Aryan Lotus Circle, 144 Madison Ave. Miss Elizabeth Whitney, Supt.
Beacon Light Rescue Mission, 207 E. 125th St. W. P. St. Germain, Supt.
Broome St. Tabernacle, 395 Broome St. A. J. Kerr.
Catharine Mission, 24 Catharine Slip. Margaret A. Delaney, Supt.
Christian Israelites' Sanctuary, 108 1st St. J. F. Ruge.
Christian Reformed, 21 Bank St.
Christ's Mission, 142 W. 21st St. Jas. A. O'Connor.
Church of the Strangers, W. 57th St. and 8th Ave. D. A. Blackburn.
Cremorne Mission, 104 W. 32d St. Charles Ballou, Supt.
De Witt Memorial, 280 Rivington St. W. T. Elsing.
East Side Chapel, 404 E. 15th St.
Free Methodist Mission, 349 E. 10th St.
Gospel Chapel, 305 W. 30th St Alfred Blewitt.
Gospel Tabernacle, 692 8th Ave. A. B. Simpson.
Greek Orthodox, 12 W. 11th St. A. A. Papageorgopoulos.
Hebrew Christian Mission, 126 Forsyth St. H. P. Faust.
House of the Lord's Mission, 190 Bleecker St. E. Ballou, Supt.
Italian Mission, 395 Broome St. Antonio Arrighi.
Manhattan Chapel, 420 E. 26th St.
Mariners', 46 Catharine St. Samuel Boult.
McAuley's Water St. Mission, 316 Water St. S. H. Hadley, Supt.
New Jerusalem (Swedenborgian), 114 E. 35th St. J. K. Smyth.
Olivet Memorial, 63 2d St. A. H. McKinney.
146th St. Gospel Temperance Mission, near 3d Ave.
People's, 2308 2d Ave. Joseph Bennett.
People's Tabernacle, 232 E. 104th St. H. M. Tyndall.
Russian Orthodox, 323 2d Ave. Alex. Hotovitzsky.
Salvation Army, 122 W 14th St.; 88 Cherry St.; 94 Greenwich St.; 212 E. 125th St.; 512 E. 6th St.; 668 Courtlandt Ave.; 352 W. 35th St.; 79 Bank St.; Lexington Ave. and 125th St.; 1556 3d Ave.; 158 E. 27th St.; 14 4th Ave.; 142d St. and Alexander Ave. E. D. Booth-Tucker, Commander.
Seaman's Rest Mission, 665 Washington St. Stafford Wright.
Strachan, Margaret, Chapel, 105 W. 27th St.
Volunteers, 14th Ave.; 212 E. 125th St. Ballington Booth, Commander.
Woods Memorial Chapel, 133 Ave. A. Daniel Redmond.
Young Men's Christian Association, 3 W. 29th St.; 52 E. 23d St.; 153, 222 Bowery; 158 E. 87th St.; 5 W. 125th St.; 155th St., near Broadway; 142 2d Ave.; 49 W. 24th St.; 361 Madison Ave.; 129 Lexington Ave.; West End Ave., cor. 72d St.; Park Ave., near E. 151st St.; 318 W. 57th St., and Governor's Island.
Young People's City Mission, 219 E. 59th St. Mrs. Catharine Maislain.
Young Women's Christian Association, 7 E. 15th St.; 453 W. 47th St.

Population of Greater New York.

THE following is a statement in detail of the population of the various towns now included in the city of New York, as returned by the State census of 1892. For present population of New York City, see page 396.

Towns.	Population.	Towns.	Population.	Towns.	Population.
New York City	1,801,739	Jamaica	14,441	East Chester, West Chester, and Pelham towns	35,000
Brooklyn	995,976	Long Island City	30,506		
Richmond County	53,452	Newtown	17,549		
Flushing	19,803	Jamaica Bay	....	Totals	2,985,422
Part Hempstead	*17,756				

* Estimated.

New York Chamber of Commerce.

ORGANIZED April 5, 1768. Incorporated by George III. March 13, 1770. Reincorporated by the State of New York April 13, 1784. Its object is indicated in the following words of the original charter: "Sensible that numberless inestimable benefits have accrued to mankind from commerce; that they are, in proportion to their greater or lesser application to it, more or less opulent and potent in all countries; and that the enlargement of trade will vastly increase the value of real estates as well as the general opulence of our said colony," and "to carry into execution, encourage, and promote, by just and lawful ways and means, such measures as will tend to promote and extend just and lawful commerce."

During the decade 1760-1770, according to Lord Sheffield's *Observations*, the average yearly value of American Colonial imports from Great Britain was £1,763,409, and of exports to the same country £1,044,591. Up to the evacuation of the city by the British and its occupation by the Americans, on the 25th of November, 1783, the New York Chamber of Commerce had had seven presidents, thirteen vice-presidents, eight treasurers, one secretary, and 135 members. In May 1763, the Sandy Hook Light-house was lighted up for the first time. In 1786 the Chamber of Commerce first suggested the construction of the Erie Canal, and in 1784 petitioned the New York Legislature (which so ordered) that duties should be levied under a specific instead of an *ad valorem* tariff—a system of which the Chamber of Commerce has ever since been the constant advocate.

As a society the Chamber of Commerce consists of twelve hundred and fifty regular members. Initiatory fees have varied between the sum of ten Spanish dollars, required in 1770, and $25, which is now demanded from every accepted candidate.

The offices and meeting rooms are at 32 Nassau Street, Manhattan Borough, New York. Officers: *President*, Morris K. Jesup; *Secretary*, George Wilson; *Treasurer*, Solon Humphreys.

Distances in Manhattan Borough.

From the Battery.	From the City Hall.		From the Battery.	From the City Hall.	
¼ mile		To Rector Street	4½ miles	4 miles	To E. 54th Street.
½ "		" Dey Street.	4¾ "	4¼ "	" E. 58th Street.
¾ "		" City Hall.	5 "	4½ "	" E. 63d Street.
1 "	½ mile	" Leonard Street.	5¼ "	4¾ "	" E. 68th Street.
1¼ miles	¾ "	" Canal Street.	5½ "	5 "	" E. 73d Street.
1½ "	1 "	" Spring Street.	5¾ "	5¼ "	" E. 78th Street.
1¾ "	1¼ miles	" E. Houston St.	6 "	5½ "	" E. 83d Street.
2 "	1½ "	" E. 4th Street.	6¼ "	5¾ "	" E. 88th Street.
2¼ "	1¾ "	" E. 9th Street.	6½ "	6 "	" E. 93d Street.
2½ "	2 "	" E. 14th Street	6¾ "	6¼ "	" E. 97th Street.
2¾ "	2¼ "	" E. 19th Street.	7 "	6½ "	" E. 102d Street.
3 "	2½ "	" E. 24th Street	7¼ "	6¾ "	" E. 107th Street.
3¼ "	2¾ "	" E. 29th Street.	7½ "	"	" E. 112th Street.
3½ "	3 "	" E. 34th Street.	7¾ "	7¼ "	" E. 117th Street.
3¾ "	3¼ "	" E. 38th Street.	8 "	7½ "	" E. 121st Street.
4 "	3½ "	" E. 44th Street.	8¼ "	7¾ "	" E. 126th Street.
4¼ "	3¾ "	" E. 49th Street.	10½ "	10 "	" W. 166th Street.

Every twenty blocks above Houston Street measure one mile.

CROSSTOWN DISTANCES.

The distance across the city:

At Battery Place is ½ mile.
" Fulton Street is ¾ mile.
" Chambers Street is 1 mile.
" Grand Street is 2⅛ miles.
At Houston Street is 2⅛ miles.
" Fourteenth Street is 2⅜ miles.
" Twenty-third Street is 2⅜ miles.
" Inwood is ¾ mile.

From Twenty-third Street northward to One Hundred and Twenty-fifth Street the width of the island averages from 2 to 2¼ miles.

Jury Duty in Manhattan and the Bronx Boroughs.

To be qualified to serve a person must be not less than 21 nor more than 70 years of age, and he must be a male citizen of the United States, and a resident of the county of New York; and he is a resident within the meaning of the jury law if he dwells or lodges here the greater part of the time between the first day of October and the last day of June He must be the owner, in his own right of real or personal property of the value of $250; or the husband of a woman who is the owner, in her own right, of real or personal property of that value. He must also be in the possession of his natural faculties, and not be infirm or decrepit; intelligent, of good character, and able to read and write the English language understandingly.

THE FOLLOWING PERSONS ARE ENTITLED TO EXEMPTION.

A Clergyman, Minister of any religion officiating as such, and not following any other calling. A practicing Physician, Surgeon, Surgeon-Dentist, or Veterinary Surgeon not following any other calling, and a licensed Pharmaceutist or Pharmacist while actually engaged in his profession as a means of livelihood. An Attorney or Counsellor-at-Law regularly engaged in the practice of law as a means of livelihood. A Professor or Teacher in a college, academy, or public school, not following any other calling. Editor, Editorial Writer, or Reporter of a daily newspaper regularly employed as such, and not following any other vocation. The holder of an office under the United States, or the State, or city, or county of New York, whose official duties, at the time, prevent his attendance as a juror. A Consul of a foreign nation. A Captain, Engineer, or other officer actually employed upon a vessel making regular trips; a licensed Pilot, actually following that calling. A Superintendent, Conductor, or Engineer employed by a Railroad Company other than a street railroad company or a Telegraph Operator, employed by a Telegraph Company who is actually doing duty in an office, or along the railroad or telegraph line of the company by which he is employed. Honorably discharged Firemen. Active and honorably discharged Militiamen and active members of the Old Guard. Stationary Engineers, Inspectors, Poll Clerks, and Ballot Clerks, or a person who is physically incapable. Grand Sheriff's, and Municipal Court Jurors.

Exchanges and Boards of Trade in Manhattan Borough.

Brewers' Exchange, 109 and 111 E. 15th St.
Building Material Exchange of the City of New York, 18 Cortlandt St
Chamber of Commerce, 32 Nassau St.
Coal, 131 E. 58th St.
Coal and Iron, 21 Cortlandt St.
Coffee Exchange, 113 to 117 Pearl St. and 66 Beaver St.
Consolidated Stock Exchange, 60 Broadway and 21 New St.
Cotton Exchange, Beaver and William Sts.
Fruit Exchange, 78 Park Place.
Furniture Exchange, Grand Central Palace, Lexington Ave. and 44th St.
Jewellers' Board of Trade, 54 Maiden Lane.
Maritime Exchange, 8 Beaver St.
Mechanics and Traders' Exchange, 1127 Broadway.
Merchant Tailors' Society, 241 Fifth Ave.
Metal Exchange, 234 Pearl St.
Mining Exchange, 38 New St.
N. Y. Board of Trade and Transportation, 203 Broadway.
N. Y. Furniture Board of Trade, 150 Canal St.
New York Industrial Exchange, 38 New St.
New York Mercantile Exchange, 6 Harrison St.
N. Y. Produce Exchange, Broadway & Beaver St.
N. Y. Stock Exchange, 10 Broad St. & 13 Wall St.
Real Estate Exchange, 59 to 65 Liberty St.
Silk Association of America, 445 Broome St.
Stationers' Board of Trade, Bennett Building, 99 Nassau St.
Wool Exchange, West Broadway and Beach St.

Cemeteries in and About the City of New York.

Unless otherwise stated, office addresses in this list are in Manhattan Borough.)

Name.	Location.	Office.	Railroad or Ferry.
Arlington	Arlington, N. J., 4 1-2 miles from J. C.	239 Washington St., J.C.	Greenwood Lake Div. Erie R. R.
Bay View	Greenville, N. J., 2 1-2 miles from J. C.	At Cemetery	Cent. R.R. of N. J., or trolley from J. C.
Bergen	Bergen, N. J., 1 1-2 miles from J. C.	21 Hoboken Ave., J. C.	Cortlandt, Desbrosses, W. 23d St. Ferries.
Calvary	Newtown, L. I.	266 Mulberry St., N. Y.	Long Island City or Williamsburg Ferries.
Cedar Grove	Near Corona, L. I., 5 1-2 miles from N. Y.	123 E. 23d St., N. Y.	Long Island R.R., or Bkn. Rapid Transit.
Constable Hook	Bergen Point, N. J., 7 miles from J. C.	At Cemetery	Cent. R.R. of N. J., or trolley from J. C.
Cypress Hills	Myrtle Ave. and Jamaica Plank Road, Brooklyn Borough	1 Madison Ave., N. Y.	Grand, Roosevelt, and Fulton Ferries, and also by cars from Brooklyn Bridge.
Evergreens	Bushwick Ave. & Conway St., Brooklyn	At Cemetery	Trolley from Bklyn Ferries, or El. R.R's.
Fair View	Staten Island, near Castleton Corners	W. New Brighton, N. Y.	Trolley from St. George, Staten Island.
Friends'	Prospect Park, Brooklyn Borough	At Cemetery	Fulton, Catharine, and Hamilton Ferries.
Greenwood	Brooklyn Borough, N. Y. Main entrances at Fifth Ave. and 25th St.; 20th St., cor. Ninth Ave.	71 Broadway, N. Y.	Cars from Bridge Depot, Fulton, Wall, South, Catharine, and Hamilton Ferries.
Hoboken	New Durham, N. J., 4 miles from Hoboken ferries	213 Washington St., Hob.	Nor.R.R. of N.J.; N.Y., S. & W.; W.S.R.R.
Holy Cross (R. C.)	Flatbush, L. I., Brooklyn Borough	Jay & Chapel Sts., B'k'n	Fulton, Grand, and Roosevelt Ferries.
Holy Name (R. C.)	Westside Ave., Jersey City Heights	Montgomery St., J. C.	Cortlandt, Desbrosses, W. 23d St. Ferries.
Holy Trinity (R. C.)	Central Ave., East New York	At Cemetery	Trolley from Brooklyn Ferries.
Jersey City	Newark Ave., Jersey City, N. J.	At Cemetery	Cortlandt, Desbrosses, W. 23d St. Ferries.
Kensico	On Harlem R.R., 23 miles from Grand Central Depot	16 E. 42d St., N. Y.	Harlem R.R.
Linden Hill (M. E.)	East Williamsburg, L. I.	456 E. Houston St., N.Y	Williamsburg Ferries.
Lutheran	Jamaica Turnpike, near Middle Village	75 Nassau St., N. Y.	Trolley from W'msburg and Fulton Fer.
Machpelah	New Durham, Hudson County, N. J.	108 W. 25th St., N. Y.	Nor.R.R. of N.J.; N.Y., S. & W.; W.S.R.R.
Machpelah (Heb.)	Adjoining Cypress Hills Cemetery	At Cemetery	Same route as for "Cypress Hills," above.
Maple Grove	Hoffman Boulevard, about 6 miles from L. I. City Ferry Depots	1286 Broadway, N. Y.	East 34th St. and James Slip Ferries.
Moravian	New Dorp, Staten Island	Located about six miles	from St. George Landing, Staten Island.
Mount Hope	Mount Hope, Westchester County	380 Sixth Ave., N. Y.	Putnam Div., N. Y. Central R. R.
Mount Hope	Jamaica Ave., Brooklyn Borough	210 E. 112th St., N. Y.	Trolley from B'way Ferry, Bklu Borough.
Mount Neboh	Adjoining Cypress Hills Cemetery	22 Bible House, N. Y.	Same route as for "Cypress Hills," above.
Mount Olivet	Maspeth, L. I.	At Cemetery	Trolley from foot of Broadway, Brooklyn Borough, or E. 34th St. Ferry Depot.
Mount Zion	Maspeth, L. I.	41 Park Row, N. Y.	Trolley from E. 34th St. Ferry Depot.
New York Bay	Ocean Ave., Greenville, N. J.	At Cemetery	Cent. R. R. of N J.; trolley from J. C.
Nyack Rural	Nyack, N. Y.	Nyack, N. Y.	Nor. R. R. of N. J., or West Shore R.R.
Oakland	Yonkers, N. Y.	51 Warburton, Yonkers.	Trolley from Yonkers.
Pelham	Lafayette Ave., City Island, N. Y.	Main St., City Island	Horse-car from Bartow, on N. Hav. R.R.
Potter's Field	Flatbush, L. I., Brooklyn Borough	Almshouse, Flatbush	Cars from W'msburg and Fulton Ferries.
Potter's Field	Hart's Island, N. Y.	148 E. 20th St.	Boat foot of E. 26th St.
Rockland	Sparkill, Rockland Co., N.Y.	124 W. 23d St., N. Y.	Northern R.R. of N. J. & West Sh. R.R.
St. John (R. C.)	Jamaica Turnpike	Jay & Chapel Sts., B'k'n	Trolley from W'msb'g & Fulton Ferries.
St. John's	Yonkers, N. Y.	At Cemetery	N. Y. Central or Putnam Div.
St. Michael's	Flushing Ave., Newtown, L. I.	Astoria, L. I.	East 34th and 92d St. Ferries.
St. Peter's (R. C.)	Tonnele Ave., Jersey City Heights	Montgomery St., J. C.	Cortlandt, Desbrosses, W. 23d St. Ferries.
Sleepy Hollow	Tarrytown, N. Y.	130 Main St., Tarrytown	N. Y. Central or Putnam Div.
Staten Island	Richmond Terrace, near W. N. Brighton	Sec., 20 E. 129th St., N.Y.	Whitehall St. Ferry.
Trinity Church	Amsterdam Ave. and W. 153d St.	187 Fulton St., N. Y.	Sixth or Ninth Ave. Elevated R.R.
Washington	Near Parkville, L. I.	141 Broadway, N. Y.	Trolley from Bridge and Ferries.
Weehawken & Palisade.	Hoboken, N. J., 2 miles from ferries	At Cemetery	Hoboken and Weehawken Ferries.
Woodlawn	On Jerome Ave., in 24th Ward	20 E. 23d St., N. Y.	Harlem Div. N. Y. Central R. R.

Express Offices in the City of New York.

(Office addresses in this list are in Manhattan or Bronx Borough, unless otherwise stated.)

Adams.—Principal office, 59 Broadway. Other offices, 137 W. Broadway, 309 Canal St., 2 Great Jones St., 12 W. 23d St., 20 E. 42d St., 48th St. and Park Ave., 250 Grand St., 701 8th Ave., 6 Reade St., 13 E. 14th St., 201 E. 23d St., 70 Maiden Lane, 9 Liberty St., 51 Howard St., 3 W. 22d St., 180 and 577 Columbus Ave., 1183 and 1806 3d Ave., 139 W. 125th St., 132d St. and Willis Ave.; in Jersey City, 2 Exchange Pl. and Pier D, Pennsylvania R.R. Depot.

American.—Principal office, 65 Broadway. Other offices, 142 West Broadway, 302 Canal St., Lafayette Pl. and 4th St., 922 Broadway, 76 5th Ave., 121 E. 125th St., 275 W. 125th St., 138th St. and Railroad Ave., Vanderbilt Ave. and 45th St., Madison Ave and 47th St., 10th Ave and 30th St., 93 Bowery, 569 Columbus Ave., 131 E. 86th St.; in Jersey City, 109 Hudson St.

Davis, Turner & Co. (Foreign).—27 State St.

Dodd.—Principal office, 1323 Broadway; No. 1 Astor House, 434, 461, 944, 1196, 1354 Broadway, Liberty, Chambers (N. R.), Cortlandt, Desbrosses, and W. 23d St. Ferries, Pier 28, N. R.; Citizens' Line, foot of W. 10th St.; People's Line, foot of Canal St.; Providence Line, foot of Murray St.; Stonington Line, foot of Spring St.; Fall River Line, foot of Warren St.; 521 7th Ave., 737 6th Ave., 245 Columbus Ave., 42d St. and 6th Ave., Grand Central Depot, 153 E. 125th St., 273 W. 125th St., 60 W. 133d St.; in Brooklyn Boro, 52 Nassau St., 4 Court St., 860 Fulton St., 93 Broadway; in Jersey City, 18 Exchange Pl.

Downing's Foreign Express.—20 Exchange Place, 65 Beaver St.

Hub Express Co.—109 John St., 312 Canal St., 126 Prince St., 135 Crosby St.

International (Foreign).—2 Battery Place.

Long Island.—Principal offices, foot of James Slip and foot of E. 34th St. Other offices, 304 Canal St., 950 and 1313 Broadway, 142 West St., 180 Columbus Ave.; in Brooklyn Boro, 333 Fulton St., Flatbush and Atlantic Aves., Franklin and Atlantic Aves., Bushwick Avenue Depot, 118 Broadway.

Morris' European and American Express.—18 and 20 Broadway.

National.—Principal office, 141 Broadway. Other offices, 88 Liberty, 158 Duane, 114 W. Broadway, 22 Hudson, 100 Maiden Lane, 96 Mercer, 165 Crosby, 79 E. 13th, 121, 243 E. 125th St., 138th St. and Railroad Ave., 946 Broadway, 399 Madison Ave., foot of Franklin St., foot of W. 42d St.; in Brooklyn Boro, 8, 493, 1400 Fulton St., Kent Ave. and South 6th St., 1129 Myrtle Ave., 20 Alabama Ave., 3d Ave. and 25th St.; in Jersey City, 109 Hudson St.; in Hoboken and Weehawken, West Shore R.R. Depot.

New York and Boston Despatch.—304 and 306 Canal St., 100 Maiden Lane, 45 Church St., Piers 13 and 36, N.R.; 63 Gold St., 96 Mercer St., 17 W. 28th St., 6 White St., 165 Crosby St., 950 Broadway, 16 W. 4th St., 79 E. 13th St., 344 3d Ave., 234 Columbus Ave.

New York Transfer Company.—See Dodd.

Pitt & Scott (Foreign).—39 Broadway.

Southern.—12 W. 23d St.—See Adams Express.

United States.—Principal office, 49 Broadway. Other offices, 940 and 1313 Broadway, 296 Canal St., foot of Christopher St., foot of Liberty St., 12 Fulton St., foot of Whitehall St., 68 Gold St., 142 West St., 150 Duane St., West Washington Market, 11 E. 14th St., 342 3d Ave., 35 W. 3d St., 865 6th Ave.; in Brooklyn Boro, 8, 10, 493, 1400 Fulton St., South 6th St. and Kent Ave., 1129 Myrtle Ave., 3d Ave. and 25th St., 732 Manhattan Ave., 20 Alabama Ave.; in Jersey City, 46 Montgomery St., Depot of Central R. R. of New Jersey at ferry; in Hoboken, on Ferry St., two blocks from Ferry, also in passenger depot of Delaware, Lackawanna and Western R. R. at Ferry.

Universal (Foreign).—J. C. Metzger & Co., Agents, 15 Broadway.

Wells, Fargo & Co.—Principal office, 63 Broadway. Other offices, 957 Broadway, 14 Park Place, 659, 1047 6th Ave., 310 Canal St., 96 Mercer St., 183 West St., foot of W. 23d St., 348 W. 59th St., 225, 503 Columbus Ave., 166 Western Boulevard, 1562 3d Ave., 61 W. 125th St.; in Brooklyn Boro, 331, 338, 726 Fulton St., 296 Flatbush Ave., 22 Dean St., 19 Bergen St., 106 Broadway, 1068 Bedford Ave.; in Jersey City, 299 Pavonia Ave. and at Ferry foot of Pavonia Ave., 613 Newark Ave., York and Green Sts.

Westcott.—14 Park Place, 314 Canal St., 111 4th Ave., 1216 Broadway, foot of Christopher St., foot of Barclay St., foot of Franklin St., foot of W. 42d St., Grand Central Depot, 235 Columbus Ave., 61 W. 125th St.; in Brooklyn Boro, 338, 726 Fulton St., 19 Bergen St., 296 Flatbush Ave., 20 Dean St., 1068 Bedford Ave., 106 Broadway; in Hoboken, Delaware, Lackawanna and Western R. R Station; in Jersey City, all offices of Ogden's Express.

EXPRESS MONEY ORDERS are issued by all the principal express companies. Rates for money orders are as follows:

Not over $5	5 cents.	Over $40 to $50	18 cents.
Over $5 to $10	8 "	Over $50 to $60	20 "
Over $10 to $20	10 "	Over $60 to $75	25 "
Over $20 to $30	12 "	Over $75 to $100	30 "
Over $30 to $40	15 "	Over $100	at above rates, according to amount.

Board of Education in Manhattan and Bronx Boroughs.

Office, 146 Grand Street. A. E. Palmer, Secretary. T. E. Bussey, Act. Secretary of School Board.

COMMISSIONERS.	Residence.	Place of Business.	Term Expires Jan. 1.
Joseph J. Little, President	23 West 45th Street	8 Astor Place	1903
John M. Linck	685 East 135th Street	685 East 135th Street	1903
Abraham Stern	52 East 61st Street	31 Nassau Street	1903
Richard H. Adams	142 Convent Avenue	737 Broadway	1903
John G. O'Keeffe	10 West 123d Street	66 Broadway	1903
Patrick F. McGowan	224 East 12th Street	224 East 12th Street	1903
Alfred H. Morris	Aylon, Westchester	66 Broad Street	1903
Thomas W. Timpson	1251 Franklin Avenue	1231 Franklin Avenue	1903
Joseph J. Kittel	Riverside Avenue & 122d Street	Nineteenth Ward Bank	1901
Miles M. O'Brien	220 East 89th Street	224 Church Street	1901
Charles C. Burlingham	129 East 38th Street	45 William Street	1901
Henry A. Rogers	347 West 57th Street	19 John Street	1901
James P. Lee	9 5th Avenue	44 Broadway	1901
Vernon M. Davis	194 Lenox Avenue	220 Broadway	1901
George Livingston	358 West 23d Street	1123 Broadway	1902
Edward F. Farrell	235 East 88th Street	154 Nassau Street	1902
John B. Harrison	28 East 130th Street	237 Broadway	1902
Morris E. Sterne	203 West 117th Street	9 East 14th Street	1902
Waldo H. Richardson	79 Washington Place	79 Washington Place	1902
Thaddeus Moriarty	39 West 130th Street	159 E. 23d Street	1902
Geo. M. Van Hoesen	62 West 47th Street	45 Broadway	1902

Schools in Manhattan and Bronx Boroughs.

GRAMMAR SCHOOLS.

No.	Location.	No.	Location.	No.	Location.
1	30 Vandewater St.	40	225 E. 23d St.	75	25 Norfolk St.
2	116 Henry St.	41	40 Greenwich St.	76	Lexington Ave. and 68th St.
3	488 Hudson St	42	30 Allen St.	77	1st Ave. and 86th St.
4	203 Rivington St.: Annex, 71 Pitt St.	43	Amsterdam Ave. & 129th St.	78	Pleasant Ave. and 119th St.
5	140th St. & Edgecombe Ave.	44	12 North Moore St.	79	42 1st St.
6	Madison Ave. and 85th St.	45	225 W. 24th St.	80	225 W. 41st St.
7	Hester and Chrystie Sts.	46	St. Nicholas Ave. & W. 156th St.; Annex, 155th St., near Amsterdam Ave.	81	Mosholu Parkway, Bedford Park.
8	29 King St.	47	225 E. 23d St.	82	1st Ave. and 70th St.
9	West End Ave. and 82d St.	48	124 W. 28th St.	83	216 E. 110th St.; Annex, 225 E. 110th St.
10	117th St. and St. Nicholas Ave.	49	237 E. 37th St.	84	430 W. 50th St.
11	314 W 17th St.	50	211 E. 20th St.	85	735 E. 138th St.
12	371 Madison St.	51	523 W. 44th St.	86	Lexington Ave. and 96th St.
13	239 E. Houston St.	52	206th St., Inwood.	87	Amsterdam Ave. & W. 77th St.
14	225 E. 27th St.	53	207 E. 79th St.	88	300 Rivington St.
15	728 5th St.	54	Amsterdam Ave. & 104th St.	89	Lenox Ave. and 134th St.
16	208 W. 13th St.	55	140 W 20th St.	90	Eagle Ave. and 163d St.
17	335 W 47th St.	56	351 W. 18th St.	91	Ogden Ave., Highbridge.
18	121 E. 51st St.	57	176 E. 115th St.; Annex, 116th St., near Lexington Ave.	92	Broome and Ridge Sts.
19	344 E. 14th St.	58	317 W. 52d St.	93	93d St. and Amsterdam Ave.; Annex 225 W. 99th St.
20	160 Chrystie St.	59	228 E. 57th St.	94	68th St. and Amsterdam Av.; Annex, 71st St. & Broadway
21	55 Marion St.	60	College Ave. and 145th St.; P. D., 501 Courtlandt Ave.	95	13-17 E. 125th St.
22	Stanton and Sheriff Sts.	61	3d Ave., near 170th St.	96	Avenue A and 81st St.
23	Mulberry and Bayard Sts.	62	157th St. & Courtlandt Ave.	97	2d Ave., bet. Washington and Madison Sts., Westchester; Annex, 14th St. and Ave. C, Westchester.
24	58 E. 125th St. & 1941 Mad'n Av.	63	3d Ave. and 173d St.	98	Park Ave. and 2d St., Williamsbridge, Westchester.
25	330 5th St.	64	2436 Webster Ave., Fordham; Annex, Bedford Park.	99	Eastern Boulevard, near Elliott Ave., Throgg's Neck, Westchester.
26	124 W. 30th St.	65	Locust Ave., West Farms.	100	Westchester Turnpike, near Classon Point Road.
27	206 E. 42d St.	66	Church St. and Weber s Lane, Kingsbridge.	101	Matilda St., bet. Kossuth and W'chester Avs., Wakefield.
28	257 W. 40th St.	67	114-124 W. 46th St.	102	Main & Orchard Sts., City Isl.
29	Alb., Wash., & Carlisle Sts.	68	116 W. 128th St.	103	119th St. and Madison Ave.
30	88th St., bet. 2d and 3d Aves.	69	125 W. 54th St.		
31	200 Monroe St.	70	209 E. 75th St.		
32	357 W. 35th St.	71	188-192 7th St.		
33	418 W. 28th St.	72	Lexington Ave., nr. 105th St.		
34	108 Broome St.	73	209 East 46th St.		
35	160 Chrystie St.	74	220 E. 63d St.		
36	710 E. 9th St.				
37	119 E. 87th St.				
38	8 Clarke St.				
39	235 E. 125th St.; Annex, 230 E. 125th St.				

PRIMARY SCHOOLS.

104	413 E. 16th St.	129	433 E. 19th St.	151	91st St. and 1st Ave.
105	269 E. 4th St.	130	143 Baxter St.	152	Union Ave. and 149th St.
106	222 Mott St.	131	272 2d St.	153	Andrews and Burnside Aves.
107	274 W. 10th St.	132	182d St. and Wadsworth Ave.	154	St. Ann's Ave., bet. 147th and 148th Sts.
108	64 Mott St.	133	Fox, Simpson, and 167th Sts.	155	Anthony Ave., bet. Tremont and Popham Place.
109	1913 2d Ave.	134	293 Pearl St.	156	Trinity Ave. and 136th St.
110	28 Cannon St.	135	51st St and 1st Ave.	157	St. Nicholas Ave. & 127th St.
111	31 Vestry St.	136	68 Monroe St.	158	Ave. A, bet. 77th and 78th Sts.
112	85 Roosevelt St.	137	Essex Market, Grand & Essex.	159	119th St., bet. 2d and 3d Aves.
113	11 Downing St.	138	11th St. & White Plains Ave., Williamsb'ge, Westchester	160	Rivington and Suffolk Sts.
114	75 Oliver St.	139	Pelham Ave., Bronxdale, Westchester.	161	105 Ludlow St.
115	501 Courtlandt Ave.	140	116 Norfolk St.	162	36 and 38 City Hall Pl.
116	215 E. 32d St.	141	462 W. 58th St.	163	509 E. 120th St.
117	170 E. 77th St.	142	102d St., near 1st Ave.	164	141st St., near Brook Ave.
118	Clinton Ave., Woodlawn.	143	599 E. 140th St.	165	108th and 109th Sts., bet. Amsterdam Ave. and Broadway.
119	135th St. and 8th Ave.	144	Vacant.	166	89th St., bet. Amsterdam and Columbus Aves.
120	187 Broome St.	145	1787 Weeks St., Mount Hope.	167	Mott and Walton Aves., 144th and 146th Sts.
121	102d St., bet. 2d and 3d Aves.	146	Spuyten Duyvil.	168	Audubon Ave., bet. 168th and 169th Sts.
122	9th St. and 1st Ave.	147	5th Ave., near Kingsbridge Road, Eastchester.		
123	263 W. 124th St.	148	184 Cherry St.		
124	31 Horatio St.	149	318 E. 96th St.; Annex, 310 E. 96th St.		
125	180 Wooster St.	150			
126	536 E. 12th St.				
127	517 W. 37th St.				
128	179 E. 124th St.				

School-houses in process of erection: 168, 104th and 105th Sts., bet. 1st and 2d Aves.; 170, 111th and 112th Sts., bet. 5th and Lenox Aves; 173, 183d St., bet. Beaumont and Cambreling Aves.; 174, Attorney St., bet. Rivington and Stanton Sts., 177, Market and Monroe Sts.

EVENING HIGH SCHOOLS.

67	120 W. 46th St.	20	Rivington & Forsythe.	50	211 E. 20th St.	103	119th St. and Madison Ave.

EVENING SCHOOLS FOR MALES.

1	30 Vandewater St.	43	129th St. & Amsterdam Ave.	40	23d St., near 2d Ave.		
7	Hester and Chrystie Sts.	22	Stanton St., cor. Sheriff St.	58	52d St., near 8th Ave.		
38	8 Clarke St.	83	216 E. 110th St.	62	157th St. and Courtlandt Ave.		
39	235 E. 125th St.	79	42 1st St.	70	209 E. 75th St.		
16	212 W. 13th St.	25	330 5th St.	75	25 Norfolk St.		
32	357 W. 35th St.	54	104th St. & Amsterdam Ave.	77	85th St. and 1st Ave.		

EVENING SCHOOLS FOR FEMALES.

No.	Location.	No.	Location.	No.	Location.
2	116 Henry St.	19	14th St., near 1st Ave.	62	157th St. and Courtlandt Ave.
	King St., near Macdougal St.	13	239 E Houston St.	93	93d St and Amsterdam Ave.
7	186 7th St.	57	1. E. 115t. St.	42	Hester St., between Orchard and Ludlow Sts.
	203 Rivington St.	59	L 57t St., near 3d Ave.		
2	Mulbert and Bayard Sts.	49	37th St., near 2d Ave.	92	154 Broome St.
45	24th St. near 8th Ave.	1:	33. W 47th St.		

BOYS' HIGH SCHOOL. 60 West 13th Street.

GIRLS' HIGH SCHOOL. 36 East 12th Street.

MIXED HIGH SCHOOL. 157th Street and 3d Avenue.

NORMAL COLLEGE, PARK AVE., CORNER EAST SIXTY-EIGHTH ST.

COLLEGE OF THE CITY OF NEW YORK, TWENTY-THIRD ST. AND LEXINGTON AVE.

Fire Engine Companies, Manhattan and Bronx Boroughs

ENGINE COMPANIES.

1—165 W. 29th St.
2—530 W. 43d St.
3—417 W. 17th St.
4—11 Maiden Lane.
5—34 E. 14th St.
6—10 Cedar St.
7—21 Chambers St.
8—16 E. 51st St.
9—5 E Broadway.
10— Stone St.
11—42 E. Houston St.
12—261 William St.
13—99 Wooster St.
14—14 E. 18th st.
15—269 Henry St.
16—223 E. 25th St.
17—91 Ludlow St.
18—1 2 W 10th St.
19—355 W. 25th St.
20—47 Marion St.
21—216 E 40th St.
22—159 E. 85th St.
23—235 W. 58th St.
24—78 Mortor St.
25—342 5th St.
26—220 W 37th St.
27—173 Franklin St.
28—604 E. 11th St.
29—160 Chambers St.
30—253 Spring St.
31—Elm, cor. White St.
32—10 John St.
33—42 Great Jones St.
34—44 W 33d St.
35—223 E 119th St.
36—1849 Park Ave.
37—83 Lawrence St.
38—1907 Amsterdam Ave.
39—159 E. 67th St.
40—W. 68th, n. Broadway.
41—2801 3d Ave.
42—Fulton Ave., n. 167th.
43—Ft. 3d, St., E. R. (Fire Boat).
44—221 E 75th St.
45—Tremont Av., n. Daly.
46—E. 176th, n. Park Ave.
47—W. 113th St., near Amsterdam Ave.
48—2504 Webster Ave.
49—Blackwell's Island.
50—E. 166th St., n. 3d Ave.
51—Ft. W. 13th St. (Fire Boat).
52—Riverdale Ave.
53—171 E. 104th St.
54—304 W 47th St.
55—363 Broome St.
56—120 W. 83d St.
57—Castle Garden (Fire Boat).
58—81 W. 115th St.
59—18 W 137th St.
60—606 E. 137th St.
61—Main St., Westchester
62—61 White Plains Ave., Williamsbridge.
63—Wakefield.
64—Unionport.
65—33 W. 43d St.
66—Ft. Grand St., E. R., (Fire Boat).
67—170th St., near Audubon Ave.
68—1116 Ogden Ave.
69—233d St., near Katonah Ave.
70—Scofield Ave., City Island.

HOOK AND LADDER COMPANIES: 1—26 Chambers. 2—126 E. 50th. 3—108 E. 13th 4—788 8th Ave. 5—96 Charles. 6—77 Canal. 7—217 E. 28th. 8—7 North Moore. 9—209 Elizabeth. 10—191 Fulton. 11—742 5th St. 12—243 W. 20th. 13—159 E. 87th. 14—120 E. 125th. 15—Old Slip, near Water. 16—159 E. 67th. 17—E. 143d, near 3d Ave. 18—84 Attorney. 19—866 Forest Ave. 20—157 Mercer 21—432 W. 36th. 22—766 Amsterdam Ave. 23—504 W. 140th.

Railroad Passenger Stations in Manhattan Borough.

Baltimore & Ohio, foot of Whitehall and Liberty Streets.
Central of New Jersey, foot of Whitehall and Liberty Streets; New Jersey Southern Division (in Summer), foot of Rector Street also.
Delaware, Lackawanna & Western, foot of Barclay and Christopher Streets.
Erie, foot of Chambers and West 23d Streets.
Lehigh Valley, foot of Cortlandt, Desbrosses, and West 23d Streets.
Long Island, foot of James Slip and East 34th St.
Atlantic Avenue Branch, junction of Flatbush and Atlantic Avenues, Brooklyn.
Manhattan Beach Division, foot of James Slip and East 34th Street.
New Jersey & New York, foot of Chambers and West 23d Streets.
New York & Long Branch, foot Liberty, Whitehall, Cortlandt, Desbrosses, and West 23d Streets In Summer, foot Rector Street also.
New York & Rockaway Beach, foot of James Slip and East 34th St. Also Flatbush Ave., Brooklyn.
New York Central & Hudson River, 42d St. and 4th Ave.; Harlem, 125th St.; Mott Haven, 138th St.; 10th Ave. and 30th St.; Manhattan, 125th St., 152d St.; Harlem Division, 4th Ave. and 42d, 86th, 110th, 125th, 138th, and 183d Streets.
New York, New Haven & Hartford, 4th Avenue and 42d Street.
New York, Ontario & Western, foot of Franklin and West 42d Streets.
New York, Susquehanna & Western, foot of Cortlandt, Desbrosses, and West 23d Streets.
Northern of New Jersey, foot of Chambers and West 23d Streets.
Old Colony, Grand Central Depot or via Fall River Line, foot of Murray Street.
Pennsylvania, foot of Cortlandt, Desbrosses, and West 23d Streets.
Philadelphia & Reading, foot of Whitehall and Liberty Streets.
Staten Island, foot of Whitehall Street.
West Shore, foot of Franklin and West 42d Streets.

Police Station-Houses in Manhattan and Bronx.

PRECINCT AND LOCATION.

1st. Old Slip and Front Street.
2d. Liberty and Church Streets.
3d. City Hall.
4th. Brooklyn Bridge Arch.
5th. 9 Oak Street.
6th. 19 Elizabeth Street.
7th. 247 Madison Street.
8th. 19 Leonard Street.
9th. 135 Charles Street.
10th. 24 Macdougal Street.
11th 205 Mulberry Street.
12th. 105 Eldridge Street.
13th. Attorney and Delancey Sts.
14th. Union Market, E. Houston and Sheriff Streets.
15th. 79 1st Avenue.
16th. 25 Mercer Street.
17th. 23. W. 20th Street.
18th. 327 E. 22d Street.
19th. 137 W. 30th Street.
20th. 434 W. 37th Street.
21st. 160 E. 35th Street.
22d. 547 W. 47th Street.
23d. Grand Central Station.
24th. 163 E. 51st Street.
25th. 153 E. 67th Street
26th. 150 W. 68th Street.
27th. Central Park, Arsenal.
28th. 432 E. 88th Street.
29th. 104th Street, near 3d Avenue.
30th. 134 W. 100th Street.
31st. 438 W. 125th Street.
32d. 148 E. 126th Street.
33d. Amsterdam Avenue, cor. 152d Street.
34th. High Bridge.
35th. Alexander Avenue, cor. E. 138th Street.
36th. 160th Street, cor. 3d Avenue.
37th. 1925 Bathgate Avenue.
38th. Town Hall, Westchester.
39th. Wakefield.
40th. 6 Kingsbridge Road.
41st. Bronx Park.
42d. Pier A, North River.

Clubs in Manhattan Borough.

PRINCIPAL CLUBS AND CLUB-HOUSES. SEE ALSO "SOCIETIES IN MANHATTAN BOROUGH."

Name of Club.	Organized.	Club-House.	Membership. Limit. Resident.	Membership. Limit. Non-Resident.	Membership. Present Number. Resident.	Membership. Present Number. Non-Resident.	Initiation Fee. Resident.	Initiation Fee. Non-Resident.	Annual Dues. Resident.	Annual Dues. Non-Resident.	Secretary.
Aldine	1889	111 Fifth Ave	500	100	400	52	$100	$50.00	$75.00	$25.00	Wm. E. Pulsifer.
American Yacht	1883	Milton Point, Rye, N.Y	300	....	250	....	100	....	40.00	....	T. L. Scovill.
Arion	1854	Park Ave. & 59th St.	1,100	....	1,100	....	25	....	40.00	....	C. Schiettinger.
Arkwright	1893	320 Broadway	700	None.	644	81	50	20.00	50.00	20.00	Ed. E. Huber.
Army and Navy	1875	16 W. 31st St.	None.	None.	200	1,200	25	None.	30.00	5.00	Willoughby Weston.
Authors	1882	7th Ave. c. W. 56th St.	None.	None.	160	....	25	25.00	20.00	10.00	Rossiter Johnson.
Barnard	1894	W. 56th St. & 7th Ave.	....	....	619	37	25	10.00	10.00	5.00	Edward L. Parris.
Calumet	1879	267 Fifth Ave	600	None.	600	200	None.	None.	75.00	40.00	Charles C. Bull.
Catholic	1871	120 Central Park South	1,000	....	700	200	*	None.	50.00	10.00	Charles Murray.
Century Association	1847	7 W. 43d St.	1,000	300	1,016	187	150	100.00	60.00	30.00	Henry E. Howland.
City	1892	19 W 34th St.	....	....	600	....	(b) 50	15.00	50.00	15.00	James W. Pryor.
Colonial	1889	B'way & W. 72d St.	1,000	None.	900	100	100	50.00	70.00	35.00	John H. Judge.
Coney Island Jockey	1879	173 Fifth Ave	600	....	600	....	50	50.00	25.00	25.00	Cornelius Fellowes.
Congregational	1879	No Club-House	200	None.	180	5	5	None.	10.00	None.	Chas. L. Beckwith.
Corinthian Yacht	1886	Tompkinsville, S. I.	100	....	99	....	50	....	25.00	...	J. B. Miley.
Craftsman's	1894	17 E. 22d St.	500	None.	250	40	None.	None.	15.00	8.00	G. W. Arnold.
Democratic	1871	617 Fifth Ave	3,000	None.	2,200	350	100	25.00	50.00	20.00	Wm. E. Wyatt.
Deutscher Press	1885	21 City Hall Place	....	....	110	....	10	....	20.00	....	Gustav Schoch.
Downtown Ass'n	1860	60 Pine St.	1,000	None.	1,000	83	150	75.00	50.00	25.00	Wm. R. Stewart.
Drug Trade	1894	100 William St.	300	None.	225	52	25	5.00	40.00	10.00	Harry Hall.
Engineers	1888	374 Fifth Ave	1,000	....	416	401	50	25.00	50.00	25.00	O. F. Nichols.
German Leiderkranz	1847	11 E. 58th St.	None.	....	1,176	....	20	....	40.00	...	R. F. Lang.
Grolier	1884	29 E. 32d St.	250	125	250	125	50	25.00	30.00	15.00	Thos. G. Evans.
Hardware	1892	253 Broadway	600	200	600	137	50	50.00	50.00	25.00	Jas. H. Kennedy.
Harlem	1886	Lenox Ave. & 123d St.	400	None.	250	50	None.	None.	50.00	None.	William D. Pack.
Harlem Democratic†	1882	106 W. 126th St.	None.	None.	400	....	10	....	10.00	....	John G. Theban.
Harlem Republican	1887	145 W. 125th St.	None.	None.	250	10	10	5.00	20.00	10.00	S. A. Safford.
Harmonie	1867	45 W. 42d St.	650	....	650	....	200	....	125.00	....	E. E. Wise.
Harvard	1865	27 W. 44th St.	None.	None.	910	410	10	10.00	10-20	10.00	Walter Alexander.
Hudson Boat	1878	Foot W. 127th St.	....	....	84	12	....	....	18.00	2.00	James R. Waterhouse.
Jockey	1894	173 Fifth Ave	50	None.	50	None.	100	....	100.00	....	F. K. Sturgis.
Knickerbocker	1871	319 Fifth Ave	450	None.	....	....	300	....	100.00	....	Jas. W. Appleton.
Knickerbocker Yacht	1881	College Point, L. I.	None.	....	115	....	20	....	18.00	....	J. O. Sinkinson.
Lambs	1875	70 W. 36th St.	385	95	400	150	‡200	100.00	‡50.00	25.00	John Drew.
Lawyers	1887	120 Broadway	1,200	None.	1,200	275	None.	None.	100.00	50.00	Geo. T. Wilson.
Lincoln	1872	12 E. 8th St.	None.	None.	400	None.	None.	None.	12.00	12.00	Alex. H. Reid.
Lotos	1870	558 Fifth Ave	600	None.	585	341	. .	....	75.00	30.00	Chester S. Lord.
Manhattan	1865	26th St. & Madison Ave	1,500	....	700	600	250	250.00	100.00	25.00	David B. Gilbert.
Manhattan Chess	1877	105 E. 22d St	None.	None.	207	None.	10	10.00	20.00	10.00	Gustave Simonson.
Merchants	1871	108 Leonard St.	350	None.	350	20	100	...	75.00	75.00	Frederick S. Wells.
Metropolitan	1891	Fifth Ave. cor. 60th St.	1,200	500	900	156	300	100.00	300.00	50.00	Wm. W. Sherman.
New Commercial	1895	90 W. Broadway	400	....	....	....	25	15.00	50.00	15.00	James C. Harvey.
New York	1845	35th St. & Fifth Ave.	500	None.	400	200	100	50.00	75.00	37.50	Howell H. Barnes.
N. Y. Athletic	1868	Central Park South	3,000	500	2,650	456	100	50.00	50.00	25.00	Chas. L. Burnham.
N. Y. Caledonian†	1856	346 Seventh Ave	None.	None.	500	None.	5	....	3.00	....	James Morrison.
N. Y. Press†	1872	34 W 26th St.	None.	None.	550	40	25	10.00	20.00	10.00	Wm. S. Quigley.
N. Y. Railroad	1877	12 W. 31st St.	None.	None.	850	....	None.	None.	2.00	2.00	W. W. Wheatley.
N. Y. Scottish	1886	241 Fifth Ave	250	....	100	....	5	....	5.00	...	John Duncan.
N. Y. Turn Verein	1850	85th St. & Lex. Ave.	None.	None.	679	....	5	5.00	12.00	12.00	F. Bucherer.
N. Y. Yacht	1844	67 Madison Ave. (a)	None.	None.	1,400	....	100	....	50.00	....	J. V. S. Oddie.
Players	1888	16 Gramercy Park	500	....	462	468	100	50.00	40.00	20.00	Charles E. Carryl.
Progress	1864	Cor. 5th Ave. & 63d St.	550	....	475	25	100	100.00	100.00	50.00	Chas. M. Eisig.
Quill	1888	No Club-House	200	....	200	....	5	....	12.00	....	F. H. Marling.
Racquet and Tennis	1875	27 W. 43d St.	800	200	650	100	200	200.00	100.00	50.00	H. C. Mortimer.
Reform	1888	233 Fifth Ave.	None.	2,000	498	1,853	25	None.	40.00	10-20	Edwin Baldwin.
Republican	1879	450 Fifth Ave	900	None.	536	162	50	25.00	25.00	12.50	Alfred E. Ommen.
Saint Nicholas	1875	7 W. 44th St.	400	....	250	35	100	50.00	75.00	37.50	C. S. Van Rensselaer.
Salmagundi	1871	14 W. 12th St.	None.	None.	251	52	25	25.00	25.00	10.00	J. A. Thompson.
Seawanhaka - Corinthian Yacht	1871	19 E. 22d St. and Oyster Bay, L. I.	500	None.	484	....	50	....	50.00	....	Chas. J. Stevens.
Transportation	1895	Madison Ave. & 42d St.	400	400	296	341	50	50.00	40.00	20.00	John Carstensen.
Turf and Field	....	173 Fifth Ave	....	....	....	....	....	....	....	....	Amos T. French.
Underwriters	1888	73 William St.	500	None.	470	85	25	5.00	25.00	5.00	Harry Hall.
Union	1836	Fifth Ave. & 21st St.	1,437	None.	1,389	....	300	....	75.00	....	Franklin Bartlett.
Union League	1863	39th St. & Fifth Ave.	1,800	....	1,691	109	300	....	75.00	45.00	Geo. S. Terry.
University	1865	Fifth Ave. cor. 54th St.	1,700	1,300	1,647	1,223	200	100.00	75.00	35.00	H. D. Auchincloss.
West End	1888	Amsterd'mAv. &81stSt.	300	100	200	50	75	50	75.00	50	M. S. Mannes.
Wool	1894	W. B'way & Beach St.	450	200	400	180	50	15.00	50.00	10.00	John P. Faure.

* Initiation fee, $50; members unde. twenty-five years of age, $25. † Report of January 1, 1899. ‡ Initiation fee for professionals, $50; dues, $25. (a) After May 1, 1900, 37 West Forty-fourth Street. Rendezvous at Bay Ridge, L. I. (b) Initiation fee suspended until 150 members are enrolled. No initiation fee when applicant is under thirty years of age.

The returns in this table are of January 1, 1900, approximately.

Public Buildings in Manhattan Borough.

Army Building, Whitehall and Pearl Streets.
Assay Office, 30 Wall Street.
Barge Office, foot of Whitehall Street.
City Hall, City Hall Park.
County Court-House, Chambers St., near B'way.
Criminal Court Building, Centre and Franklin Sts.
Custom-House, Wall and William Streets.
Jefferson Market Court, 6th Ave. and 10th Street.
Ludlow Street Jail, near Grand Street.
Post-Office, Broadway and Park Row.
Register's Office, City Hall Park.
State Arsenal, 7th Avenue and 35th Street.
Sub-Treasury, Wall and Nassau Streets.
Tombs, Centre and Franklin Streets.

Hack and Cab Fares in Manhattan Borough.

RATES REGULATED BY LAW.—The city ordinance regulating the rates which may be charged customers by cabmen is as follows; distance is computed at twenty blocks to a mile north and south, and seven blocks to a mile east and west:

SEC. 434. The price or rates of fare to be asked or demanded by the owners or drivers of hackney coaches or cabs shall be as follows:

Cabs.

1. For conveying one or more persons any distance, sums not exceeding the following amount: Fifty cents for the first mile or part thereof; and each additional half mile or part thereof, twenty-five cents. By distance, for "stops" of over five minutes and not exceeding fifteen minutes, twenty-five cents. For longer stops, the rate will be twenty-five cents for every fifteen minutes or fraction thereof, if more than five minutes. For a brief stop, not exceeding five minutes in a single trip, there will be no charge.

2. For the use of a cab, by the hour, with the privilege of going from place to place and stopping as often and as long as may be required, one dollar for the first hour or part thereof; and for each succeeding half-hour or part thereof, fifty cents, if agreed upon in advance, otherwise mileage rate will apply.

Coaches.

3. For conveying one or more persons any distance, sums not exceeding the following amounts: One dollar for the first mile or part thereof; and each additional half-mile or part thereof, fifty cents. By distance, for "stops" of over five minutes and not exceeding fifteen minutes, forty cents. For longer stops, the rate will be forty cents for every fifteen minutes. For a brief stop, not exceeding five minutes in a single trip, there will be no charge.

4. For the use of a coach, by the hour, with the privilege of going from place to place and stopping as often and long as may be required, one dollar and fifty cents for the first hour or part thereof; and for each succeeding half-hour or part thereof, seventy-five cents, if agreed upon in advance.

5. No cab or coach shall be driven by the time rate at a pace less than five miles an hour.

6. Line balls, two passengers, two dollars for first mile or part thereof; one dollar for each additional mile; fifty cents for each additional passenger.

7. Every owner or driver of any hackney coach or cab shall carry on his coach or cab one piece of baggage, not to exceed fifty pounds in weight, without extra charge; but for any additional baggage he may carry he shall be entitled to extra compensation at the rate of twenty-five cents per piece.

SEC. 436. All disputes as to prices or distance shall be settled by the Mayor's Marshal or the police.

SEC. 437. In all cases where the hiring of a hackney coach or a cab is not at the time thereof specified to be by the hour, it shall be deemed to be by the mile; and for any detention, exceeding fifteen minutes, when so working by the mile, the owner or driver may demand at the rate of one dollar per hour.

SEC. 444. There shall be fixed in each hackney coach or cab, in such a manner as can be conveniently read by any person riding in the same, a card containing the name of the owner of said carriage, the number of his license, and the legal rates as specified in section 434 of this article printed in plain, legible characters, under a penalty of arrest, said section to be provided by the License Bureau in pamphlet or card form, and to be furnished free to the owner of such hackney coach or cab, and such card shall be fastened to the back of each cab or coach, on the inside thereof, at least two feet above the seat, or it shall be hung to or from a suitable fastening fixed in the back of each cab or coach and be plainly visible.

SEC. 449. Any person or persons who shall violate any or either of the provisions of above sections of this article shall be liable to a penalty of ten dollars.

Complaints for violations of the above ordinances may be made at the office of the Mayor's Marshal, Room 1, City Hall.

The following table of distances is published by the Mayor's Marshal:

FROM SOUTH FERRY to Wall Street, one-half mile, to City Hall, one mile; to Canal Street, one and one-half miles; to Houston Street, two miles; to 4th Street, two and one-quarter miles; to 14th Street, two and three-quarter miles; to 24th Street, three and one-quarter miles; to 37th Street, four miles; to 42d Street, four and one-quarter miles; to 62d Street, five and one-quarter miles; to 82d Street, six and one-quarter miles; to 102d Street, seven and one-quarter miles; to 122d Street, eight miles.

EAST AND WEST, FROM BROADWAY to East River, across 14th Street, one mile; to East River, across 23d Street, one mile; to East River, across 34th Street, seven-eighths of a mile; to East River, across 42d Street, one mile; to East River, across 59th Street, one and one-quarter miles; to North River, across 14th Street, one and one-quarter miles; to North River, across 23d Street, one and one-eighth miles; to North River, across 34th Street, one and one-quarter miles; to North River, across 42d Street, one mile; to North River, across 59th Street, seven-eighths of a mile.

Public Porters.

EVERY Public Porter must wear, in a conspicuous position, a badge bearing the number of his license, and is not entitled to receive any pay for services unless such a badge is worn, and if he shall demand a greater sum for his services than accords with the rates below, he shall not be entitled to any pay for the service.

Any Public Porter may decline to carry any article, if the distance he shall be required to go shall be more than two miles.

Public Porters shall be entitled to charge and receive for the carrying or conveyance of any article, any distance within half a mile, twenty-five cents if carried by hand, and fifty cents if carried on a wheelbarrow or hand-cart; if the distance exceeds half a mile and is within a mile, one-half of the above rates in addition thereto, and in the same proportion for any greater distance.

Height of Prominent Points in Manhattan and Bronx Boroughs.

	Feet Above Sea Level.
Battery	5
City Hall	36
Fifth Avenue Hotel	38
Central Park Plaza, 59th St. and 5th Ave.	47.5
Mount Morris	100
Central Park Circle	76.5
Reservoir, Central Park (water level)	112
Morningside Park	132
Boulevard and 118th Street	135
Kingsbridge Road and 175th Street	200
Washington Bridge Road and 184th St.	250

Libraries in Manhattan and Bronx Boroughs.

Aguilar Free Library, 113 E. 59th St., 176 E. 110th St., 197 E. B'way, 616 5th St.—Except Sat., 9 to 9.
American Institute, 111 W. 38th St.—Open 9 A.M. to 6 P.M.; $10 initiation fee and $5 per annum.
American Museum of Natural History, Central Park W., cor. W. 77th St.
American Numismatic and Archæological Society, 17 W. 43d St.
Astor, 40 Lafayette Pl., free.—Open, except Sundays and holidays, in Summer, 9 A.M. to 5 P.M.; Winter, 9 A.M. to 4 P.M.
Benjamin & Townsend, ft. E. 26th St.—Open daily, 9 A.M. to 5 P.M.; Saturday, 9 A.M. to 12 M.
Broome St., 395 Broome St., free.—Open Tuesdays, Wednesdays, and Fridays, 4 to 9 P.M.
Bryson, W. 120th St., nr. Boulevard.—Open 8.30 A.M. to 5 P.M.; Saturday 9 A.M. to 1 P.M.
Cathedral, 123 E. 50th St.—Open 9 A.M. to 9 P.M.
City, 12 City Hall, free.—Open 10 A.M. to 4 P.M.
College Settlement Ass'n, 95 Rivington St.—Open on Wednesday from 3.30 to 5 P.M. and 7.30 to 9 P.M.; on Saturday 10 A.M. to 12 noon.
Columbia University, W. 116th & Amsterdam Ave.
Cooper Union, 8th St. & 4th Ave.—8 A.M. to 10 P.M.
De Witt Memorial, 286 Rivington St.—Open daily (except Sunday) from 3 to 8 P.M.
Harlem, 32 W. 123d St.—Open 9 A.M. to 9 P.M.
Historical Society, 170 2d Ave.—Open 9 A.M. to 6 P.M., except during August and on holidays.
Huntington Free Library, Westchester Ave., Westchester.—Open daily, except Sunday, 9 A.M. to 10 P.M.; on Sundays from 2 to 9 P.M.
Kingsbridge Free, Riverdale Ave., Kingsbridge.—Open daily from 3 P.M. to 9.30 P.M.
Law Institute, 116 P.-O. Bldg.—9 A.M. to 10 P.M.
Law Library of Equitable Life Assurance Society, 120 Broadway.—Open 9 A.M. to 7 P.M.
Lenox, 895 5th Ave.—Open 9 A.M. to 6 P.M.
Loan Libraries for Ships, 76 Wall St.
Masonic, 75 W. 23d St.—Open 7 to 10.30 P.M.
Maimonides, 723 Lexington Ave.—Open 9 A.M. to 9 P.M.; Sat., 7 to 10 P.M.; Sun., 9 A.M. to 4 P.M.
Mechanical Engineers', 12 W. 31st St.—Open daily, except Sundays, 10 A.M. to 10 P.M.
Mechanics and Tradesmen's Free, 18 E. 16th St.—Open daily from 8 A.M. to 8 P.M.
Mercantile, Astor Place, 426 5th Ave., 120 B'way.—Open 8.30 A.M. to 6 P.M. Rates: Clerks, $4 per annum; others, $5.
Metropolitan Museum of Art, Central Pk. & E. 82d
Mott Memorial Free Medical, 64 Madison Ave.—Open 10 A.M. to 5 P.M.
New York Free Circulating, 49 Bond St., 135 2d Ave., 251 W. 13th St., 215 E. 34th St., 226 W. 42d St., 18 E. 125th St., 1523 2d Ave., 130 W. 23d St., 261 W. 69th St., 206 W. 100th St.—Open 9 A.M. to 9 P.M.; Sundays, 4 to 9 P.M.
New York Library, Astor, Lenox, and Tilden Foundations.—40 Lafayette Pl., 895 5th Ave.
N. Y. Port Soc., 46 Catharine St.—9 A.M. to 10 P.M.
New York Society, 107 University Place.—Open 9 A.M. to 6 P.M. Reading Room open 9 A.M. to 9 P.M.
Olivet Memorial, 59 2d St.—Open 8 A.M. to 9 P.M.
Produce Exchange.—Open 9 A.M. to 4 P.M.
Protestant Epis. Ch. Mission Society for Seamen, 21 Coenties Slip.
Riverdale, Riverdale.—Open Mon., Wed., Fri., Sat., 8 to 10 P.M.; Wed. and Fri., 2 to 4 P.M.
St. Agnes' Free, 121 W. 91st St.—10 A.M. to 12 M. and 4 to 6 P.M.; on Tues. and Sat., 8 to 9 P.M.
St. Aloysius', 208 E. 4th St.—Open Tuesdays and Thursdays from 7.30 to 9 P.M.
St. Barnabas', 38 Bleecker St.—Open 7 to 10 P.M.
Seamen's, 34 Pike St., free.—Open 10 A.M. to 10 P.M.
University Law and Pedagogy, University Bldg., Washington Sq. E.—Open 9 A.M. to 9 P.M.
University Settlement, 184 Eldridge St.—Open daily from 1.30 to 10 P.M.
Washington Heights, Amsterdam Ave., near 156th St., free.—Open 9 A.M. to 12 M. and 1.30 to 9 P.M., except Sundays and holidays.
Webster, ft. E. 76th St.—Open 2 to 10 P.M.
Woman's Library, 9 E. 8th St.—Open 9 A.M. to 4 P.M.; $1.50 per annum.
Young Men's Christian Ass'n, 52 E. 23d St., 153 Bowery, 140 2d Ave., 129 Lexington Ave., 5 W. 125th St., 361 Madison Ave., 531 W. 155th St. n. Boulevard, 318 W. 57th St., 158 E. 87th St., 4 W. 29th St., 222 Bowery, 49 W. 24th St.—Open 8.30 A.M. to 10 P.M.; Sundays 2 to 10 P.M.; $5 per annum.
Young Women's Christian Ass'n, 7 E. 15th St.—Open 9 A.M. to 9.15 P.M., Sundays excepted.

Mayors of the City of New York.

BEFORE the Revolution, the Mayor was appointed by the Governor of the Province of New York; and from 1784 to 1820 he was appointed by the Appointing Board of the State of New York, of which the Governor was the chief member. From 1820 to the amendment of the Charter, in 1830, the Mayor was appointed by the Common Council.

	Mayors.	Terms.		Mayors.	Terms.		Mayors.	Terms.
1	Thomas Willett	1665	32	Jacobus van Cortlandt	1719-1720	63	Robert H. Morris	1841-1844
2	Thomas Delavall	1666	33	Robert Walters	1720-1725	64	James Harper	1844-1845
3	Thomas Willett	1667	34	Johannes Jansen	1725-1726	65	Wm. F. Havemeyer	1845-1846
4	Cornelis Steenwyck	1668-1670	35	Robert Lurting	1726-1735	66	Andrew H. Mickle	1846-1847
5	Thomas Delavall	1671	36	Paul Richard	1735-1739	67	William V. Brady	1847-1848
6	Matthias Nicolls	1672	37	John Cruger, Sr.	1739-1744	68	Wm. F. Havemeyer	1848-1849
7	John Lawrence	1673	38	Stephen Bayard	1744-1747	69	Caleb S. Woodhull	1849-1851
8	William Dervall	1675	39	Edward Holland	1747-1757	70	Ambrose C. Kingsland	1851-1853
9	Nicholas de Meyer	1676	40	John Cruger, Jr.	1757-1766	71	Jacob A. Westervelt	1853-1855
10	S. van Cortlandt	1677	41	Whitehead Hicks	1766-1776	72	Fernando Wood	1855-1858
11	Thomas Delavall	1678	42	David Matthews, Tory.	1776-1784	73	Daniel F. Tiemann	1858-1860
12	Francis Rombouts	1679	43	James Duane	1784-1789	74	Fernando Wood	1860-1862
13	William Dyre	1680-1681	44	Richard Varick	1789-1801	75	George Opdyke	1862-1864
14	Cornelis Steenwyck	1682-1683	45	Edward Livingston	1801-1803	76	C. Godfrey Gunther	1864-1866
15	Gabriel Minville	1684	46	De Witt Clinton	1803-1807	77	John T. Hoffman	1866-1868
16	Nicholas Bayard	1685	47	Marinus Willett	1807-1808	78	T. Coman (act'g Mayor)	1868
17	S. van Cortlandt	1686-1687	48	De Witt Clinton	1808-1810	79	A. Oakey Hall	1869-1872
18	Peter Delanoy	1689-1690	49	Jacob Radcliff	1810-1811	80	Wm. F. Havemeyer	1873-1874
19	John Lawrence	1691	50	De Witt Clinton	1811-1815	81	S. B. H. Vance (Acting)	1874
20	Abraham de Peyster	1692-1695	51	John Ferguson	1815	82	William H. Wickham	1875-1876
21	William Merritt	1695-1698	52	Jacob Radcliff	1815-1818	83	Smith Ely	1877-1878
22	Johannes de Peyster	1698-1699	53	Cadwallader D. Colden	1818-1821	84	Edward Cooper	1879-1880
23	David Provost	1699-1700	54	Stephen Allen	1821-1824	85	William R. Grace	1881-1882
24	Isaac de Riemer	1700-1701	55	William Paulding	1825-1826	86	Franklin Edson	1883-1884
25	Thomas Noell	1701-1702	56	Philip Hone	1826-1827	87	William R. Grace	1885-1886
26	Philip French	1702-1703	57	William Paulding	1827-1829	88	Abram S. Hewitt	1887-1888
27	William Peartree	1703-1707	58	Walter Bowne	1829-1833	89	Hugh J. Grant	1889-1892
28	Ebenezer Wilson	1707-1710	59	Gideon Lee	1833-1834	90	Thomas F. Gilroy	1893-1894
29	Jacobus van Cortlandt	1710-1711	60	Cornelius W Lawrence	1834-1837	91	William L. Strong	1895-1897
30	Caleb Heathcote	1711-1714	61	Aaron Clark	1837-1839	92	Robert A. Van Wyck	1898-1901
31	John Johnson	1714-1719	62	Isaac L. Varian	1839-1841			

Markets in Manhattan Borough.

Catharine, foot of Catharine Street, East River.
Centre, Centre Street, bet. Grand and Broome Streets.
Clinton, bounded by Spring, Canal, West, and Washington Streets.
Farmers', Gansevoort and West Streets.
Fulton, bounded by Beekman, Fulton, South, and Front Streets.
Fulton Fish, South Street, opp. Fulton Market.
Jefferson, Greenwich Avenue and 6th Avenue.
Tompkins, 3d Avenue, bet. 6th and 7th Streets.
Union, East Houston and Columbia Streets.
Washington, bounded by Washington, West, Vesey, and Fulton Streets.
West Washington, bounded by West, Washington, and Gansevoort Streets.

Monuments and Statues in Manhattan Borough.

ARTHUR, CHESTER A., Madison Square.
BARTHOLDI STATUE, see "Liberty," below.
BEETHOVEN, bronze bust, on a granite pedestal, 15 ft. high, Central Park, on the Mall; unveiled 1884.
BOLIVAR, equestrian statue of Simon Bolivar, the South American soldier and statesman, West 81st St. entrance to Central Park.
BURNS, bronze statue, Central Park, on the Mall; unveiled 1880.
CERVANTES, bust of Cervantes, author of "Don Quixote," in Central Park.
COLUMBUS, marble statue, in Central Park; unveiled 1892.
COMMERCE, bronze figure, Central Park, near the 8th Ave. and 59th St. entrance; unveiled 1865.
CONKLING, bronze statue, Madison Square Park, cor. Madison Ave. and 23d St.
COOPER, PETER, statue in park opposite Cooper Union.
COX, bronze statue of the statesman S. S. Cox, erected by the letter-carriers, Astor Place.
DE PEYSTER, Abraham, statue in Bowling Green Park.
DODGE, bronze statue of William E. Dodge, at Broadway, 6th Ave., and 36th St.; unveiled 1885.
ERICSSON, statue of the inventor, on the Battery.
FARRAGUT, bronze statue, Madison Square Park, near 5th Ave. and 26th St.
FRANKLIN, bronze statue, Printing House Square; unveiled 1872.
GARIBALDI, bronze statue, Washington Square; unveiled 1888.
GRANT, ULYSSES S., tomb, Riverside Drive and 123d St.; 160 feet high; dedicated April 27, 1897.
GREELEY, bronze statue, at the front entrance of the *Tribune* Office; unveiled 1890.
GREELEY, Greeley Square, 33d St. and Broadway.
HALE, bronze statue of Nathan Hale, the martyr spy of the Revolution; City Hall Park, near Broadway and Mall St.; erected by the Sons of the Revolution in 1893.
HALLECK, bronze statue, Central Park, on the Mall; unveiled 1877.
HAMILTON, granite statue of Alexander Hamilton, Central Park, on the East Drive, above the Metropolitan Museum of Art.
HANCOCK, in Hancock Square, St. Nicholas Ave. and W. 124th St.
HEINE, poet, Lorelei Fountain, Mott Ave. and 161st St.
HOLLEY, bronze bust of Alexander Holley, Washington Square; unveiled 1890.
HUMBOLDT, bronze bust, Central Park, near the 5th Ave. and 59th St. entrance.
HUNT, RICHARD M., Memorial, 5th Ave., opposite Lenox Library.
INDIAN HUNTER, bronze figure, Central Park, near lower entrance to the Mall.
IRVING, bronze bust, Bryant Park, on W. 40th St.; unveiled 1866.
LAFAYETTE, bronze statue, Union Square, lower end of Park; unveiled 1876.
LIBERTY ENLIGHTENING THE WORLD, on Liberty Island, in the Harbor, copper statue, on granite and concrete pedestal; statue, 151 feet high; pedestal, 155 feet high; total height above low-water mark, 305 feet 11 inches; unveiled 1886.
LINCOLN, bronze statue, Union Square, southwest corner; unveiled 1868.
MARTYRS' MONUMENT, Trinity Churchyard, in memory of the American soldiers and sailors who died in the British prison ships in the Revolutionary War.
MAZZINI, bronze bust, Central Park, on the West Drive.
MOORE, bronze bust of Thomas Moore, the poet, Central Park, near the Pond and 5th Ave. entrance; unveiled 1880.
MORSE, bronze statue of the inventor of the telegraph, Central Park, near 5th Ave. and 72d St entrance; unveiled 1871.
OBELISK, Central Park, near the Metropolitan Museum of Art; brought from Egypt, and erected 1877; it is of granite, 70 feet long, and weighs 200 tons.
SCHILLER, bronze bust, Central Park, in the Ramble; unveiled 1859.
SCOTT, bronze statue of Sir Walter Scott, Central Park, on the Mall; unveiled 1872.
SEVENTH REGIMENT, bronze figure of a soldier of this regiment, to commemorate its dead in the Civil War, Central Park, on the West Drive; unveiled 1874.
SEWARD, bronze statue, southwest corner of Madison Square Park; unveiled 1876.
SHAKESPEARE, bronze statue, Central Park, at the lower end of the Mall; unveiled 1872.
SIMS, bronze statue of Dr. Marion Sims, Bryant Park, north side.
STUYVESANT, marble effigy of Gov. Peter Stuyvesant, in the outer wall of St. Mark's Church.
THE PILGRIM, bronze statue, Central Park, near E. 72d St. entrance.
THORWALDSEN, bronze statue, 59th St., facing 6th Ave.
WASHINGTON, bronze equestrian statue, Union Square, southeast side.
WASHINGTON, bronze statue, at the entrance to the Sub-Treasury Building, Wall St.; unveiled 1883.
WASHINGTON MARBLE ARCH, Washington Square, at the foot of 5th Ave.
WEBSTER, bronze statue, Central Park, on the West Drive, near 72d St.
WORTH, granite shaft, in honor of Major-General Worth, U. S. A., at Broadway, 5th Ave., and 25th St.; unveiled 1857.

Population of New York.

GROWTH OF THE CITY SINCE ITS EARLIEST DAYS.

1653	1,120	1786	23,688	1835	253,028	1880	1,206,299
1661	1,743	1790	33,131	1840	312,710	1890	1,515,301
1673	2,500	1800	60,489	1845	358,310	1892	1,801,639
1696	4,455	1805	75,587	1850	515,547	1893	1,891,306
1731	8,256	1810	96,373	1855	629,904	1897	1 957,284
1750	10,000	1816	100,619	1860	813,669	1898	*3,350,000
1756	10,530	1820	123,706	1865	726,836	1899	*3,549,558
1771	21,865	1825	166,136	1870	942 292	1900	*3,595,936
1774	22,861	1830	202,589	1875	1,041,886		

* Including all the boroughs.

HEADQUARTERS NATIONAL GUARD, STATE OF NEW YORK,

(Temporary) Stewart Building, 280 Broadway, Manhattan Borough.

Commander.....Major-General Chas. F. Roe.

Assistant Adjutants-General....Col. S. H. Olin and Lieut.-Col. Frederick Phisterer.
Inspector.....Lieut.-Col. W. C. Sanger
Commissary.....Lieut.-Col. Gilford Hurry
Judge-Advocate.....Lieut.-Col. Wm. W. Ladd, Jr.
Surgeon.....Col. Nelson H. Henry
Engineer.....Lieut.-Col. John Bogart

Inspectors of Small Arm Practice and Ordnance Officers...Lieut.-Col. N. B. Thurston and Maj. W. M. Kirby.
Signal Officer.....Maj. Fred. T. Leigh
Quartermaster.....Lieut.-Col. John I. Holly
Aides-de-Camp..Maj. J. B. Holland, L. M. Greer, David Banks, Jr. (attached).

First Brigade.—Headquarters, Central Park West and 59th Street, Manhattan Borough.
Commander.....Brigadier-General McCoskry Butt.
Assistant Adjutant-General.....Lieut.-Col. H. S. Clark.

Name of Regiment or Battery.	Armory.	Numerical Strength. Commissioned Officers.	Men.	Colonel.	Lieutenant-Colonel.	Major.
Ninth.....	125 West 14th St.....	35	581	William F. Morris...	Thos. B. Rand.....	Sol. E. Japha.
Twelfth.....	Columbus Ave. & 62d St....	43	725	Geo. Rathbone Dyer.	Charles J. Seiter...	W. Content.
Twenty-second.	67th St. & Broadway	43	592	Franklin Bartlett....	H. H. Treadwell ..	W. B. Hotchkin.
First Battery...	340 West 44th St.....	4	89	Captain Louis Wendel, Commanding.		

Fifth Brigade.—Headquarters, Park Ave., corner East Thirty-fourth St., Manhattan Borough.
Commander.....Brigadier-General George Moore Smith.
Assistant Adjutant-General.....Lieutenant-Colonel Thomas J. O'Donohue.

Name of Regiment or Battery.	Armory.	Numerical Strength. Commissioned Officers.	Men.	Colonel.	Lieutenant-Colonel.	Major.
Seventh.....	Park Ave. & 67th St.....	41	928	D. Appleton.....	Wm. H. Kipp.....	Jas. C. Abrams.
Eighth.....	Park Ave. & 94th St.....	32	570	Jas. M. Jarvis.....	H. G. Ridsbock....	John G. Kerby.
Sixty-ninth. ...	3d Ave. & 7th St.....	33	609	Edward Duffy.....	.....	.....
Seventy-first...	Park Ave. & 34th St.....	41	725	W. G. Bates.....	.....	C. H. Smith.
Second Battery.	4th Ave. & 33d St.....	6	91	Captain David Wilson, Commanding.		
Squadron A....	Madison Ave. & 94th St....	18	236	Major O. B. Bridgman, Commanding.		
Signal Corps...	Park Ave. & 34th St.....	3	31	Captain Oscar Erlandsen, Commanding.		

Naval Militia of the State of New York, on September 30, 1899, consisted of Captain J. W. Miller, commanding, and Staff of 6 Officers. Headquarters, U. S. S. New Hampshire, foot E. 28th St. 1st Naval Battalion, U. S. S. New Hampshire, 22 officers and 300 men—322; 2d Naval Battalion, headquarters, foot 55th St., Brooklyn, N. Y., 23 officers and 318 men—341; 2d Separate Naval Division, Rochester, N. Y., 4 officers and 86 men—90. Total, 759.

Piers in Manhattan Borough.

North River.

Pier No.	Street.
A, New 1 & Old 1	Battery Pl.
Old 2 & 3	Battery Pl. & Morris.
Old 4	Morris.
Old 5, 6, & 7	Morris & Rector.
Old 8	Rector.
Old 9 & 10	Rector & Carlisle.
Old 11	Carlisle.
Old 12	Albany.
Old 13	Albany & Cedar.
New 13	Cortlandt & Dey.
Old 14	Cedar.
New 14	Fulton.
Old 15	Liberty.
New 15	Vesey & Barclay.
Old 16	Liberty & Cortlandt.
Old 17	Cortlandt.
New 18	Murray.
New 19	Warren.
New 20	Chambers.
New 21	Duane.
New 22	Jay.
New 23	Harrison.
New 24	Franklin.
New 25	North Moore.
New 26	Beach.
Old 26	Barclay & Park Pl.
Old 27	Park Pl.
New 27	Hubert.
New 28	Laight.
New 29	Vestry.
New 30	Vestry.
New 31	Watts.
New 32	Canal.
New 34	Canal.
New 35	Spring.
New 36	Spring & Charlton.
New 37	Charlton.
New 38	King.
New 39	W. Houston.
New 40	Clarkson.
New 41	Leroy.
Old 42	Canal.
New 42	Morton.
New 43	Barrow.
New 44	Christopher.
New 45, 46, & 47	W. 10th.
New 48	W. 11th.
New	Pier foot Bank.
New	Pier foot Bethune.
New	Pier foot Jane.
New	Pier ft. Gansevoort.
New	Pier foot W. 19th.
New	Pier foot W. 21st.
New	Pier foot W. 22d.
New 53	W. 23d.
Old 54	Perry.
New 54	W. 24th.
New 55	W. 25th.
New 56	W. 26th.
Old 56½	Gansevoort & Bloomfield.
New 57	W. 27th.
Old 58	Bloomfield.
New 58	W. 28th.
Old 59	Little W. 12th.
New 59	W. 29th.
New 60	W. 30th.
New 61	W. 31st.
New 62	W. 32d.
New 63	W. 33d.

East River.

Pier No.	Street.
3 & 4	Moore & Broad.
5	Broad & Coenties Slip.
6, 7, & 8	Coenties Slip.
9 & 10	Coenties & Old Slips.
11 & 12	Old Slip.
13	Old Slip, nr. Wall.
14	Jones Lane.
15 & 16	Wall.
17	Pine.
18	Maiden Lane.
19	Fletcher.
20 & 21	Burling Slip.
22	Fulton.
23	Beekman.
24	Beekman & Peck Slip.
25 & 26	Peck Slip.
27	Dover.
28	Dover & Roosevelt.
29	Roosevelt.
New 29	Market.
30	Roosevelt & James Slip.
31	James Slip.
Old 32	James Slip.
New 32	Pike.
New 33	Oliver.
Old 34 & 35	Catharine.
Old 36	Catharine & Market.
New 36	Jefferson.
Old 36	Market & Catharine.
38	Market.
39	Market & Pike.
40	Pike.
42	Pike & Rutgers.
43 & 44	Rutgers.
45	Rutgers & Jefferson.
46	Jefferson.
47	Jefferson & Clinton.
48	Clinton.
49	Clinton & Montgomery.
50	Montgomery.
51 & 52	Gouverneur.
53	Jackson.
54	Corlears.
55	Cherry.
56 & 57	Broome.
58 & 59	Delancey.
60	Rivington.
61	Rivington & Stanton.
62	Stanton.

Recreation Piers.

Foot of E. 3d.	Foot of Barrow.
Foot of E. 24th.	Foot of W. 50th.
Foot of E. 112th	Foot of W. 129th.

Parks in Manhattan and Bronx Boroughs.

HEADQUARTERS, THE ARSENAL, CENTRAL PARK.

Battery, foot of Broadway.
Bowling Green, foot of Broadway.
Bronx, on Bronx River, north of Kingsbridge Road, east of Southern Boulevard. Zoological Garden.
Bryant, between 5th and 6th Aves. and W. 40th and W. 42d Sts.
Cedar, bounded by Sedgwick Ave., Juliet St., Walton and Mott Aves.
City Hall Park, Broadway, Mail St., Park Row, and Chambers St.
Claremont, bounded by Elliott and Walnut Sts., Anthony and Fleetwood Aves., in the 24th Ward.
Corlears Hook, bounded by Corlears, Jackson, Cherry and South Sts.
Crotona, east of 3d Ave., south of Tremont Ave. and 175th St., east of Boston Road and north of the 23d Ward line.
East River Park, between Ave. B and East River and north of E. 84th St.
Hamilton Fish Park, Houston and Willett Sts.
Highbridge Park, bounded by Harlem River, Amsterdam Ave., W. 170th and W. 175th Sts.
Hudson Park, bounded by Hudson, Leroy, and Clarkson Sts.
Jeannette Park Coenties Slip, between Front and South Sts.
Madison Square, between 5th and Madison Aves. and E. 23d and E. 26th Sts.
Morningside Park between Manhattan, 9th, and Morningside Aves. and W. 110th and W. 123d Sts.
Mount Morris Park, between Madison and Mt Morris Aves. and 120th and 124th Sts.
Pelham Bay, on Long Island Sound and East Chester Bay.
Riverside Park, between Riverside and 12th Aves. and W. 72d and W. 129th Sts.
Rutgers Park, foot Rutgers St.
St. Mary's Park, Morrisania.
Stuyvesant Square, between Rutherfurd and Livingston Places and E. 15th and E. 17th Sts.
Tompkins Square, between Aves A and B and E. 7th and E. 10th Sts.
Union Square, between Broadway and 4th Ave. and E. 14th and E. 17th Sts.
Vancortlandt Park, east side of Broadway, just below the line of the city of Yonkers.
Washington Square, between Wooster and Macdougal Sts. and Waverley Place and W. 4th St.

The new parks laid out in the Twenty-third and Twenty-fourth Wards contain 1,831.40 acres.

The total area of parks and parkways recently acquired north of the Harlem River is 3,843.39 acres. The cost was $9,969,603.04.

The Speedway (Harlem River Drive), approach at 155th St., 2 1-5 miles long. Cost to January 1, 1900, $3,025,000, exclusive of value of the ground.

CENTRAL PARK.

The great park of New York extends from 59th St. to 110th St., being over 2¼ miles long, and from 5th Ave. to 8th Ave., being over half a mile wide. It covers 862 acres, of which 185 are in lakes and reservoirs and 400 in forest, wherein over half a million trees and shrubs have been planted. There are 9 miles of roads, 5¼ of bridle paths, and 28¼ of walks. The landscape architects of the Park were Frederick Law Olmsted and Calvert Vaux. Public park carriages can be found (except in Winter) at the entrances on 5th Ave. and 8th Ave. The fare for an extended ride through the Park is 25 cents. Work was begun on the Park in 1857. The following fanciful names have been officially applied to the several entrances to the Park: 5th Ave. and 59th St., Scholar's Gate; 6th Ave. and 59th St., Artist's Gate; 7th Ave. and 59th St, Artisan's Gate; 8th Ave. and 59th St.. Merchant's Gate; 8th Ave. and 72d St., Woman's Gate; 8th Ave. and 81st St., Hunter's Gate; 8th Ave. and 85th St., Mariner's Gate; 8th Ave. and 96th St., Gate of All Saints; 8th Ave. and 100th St., Boy's Gate; 8th Ave. and 110th St., Stranger's Gate; 5th Ave. and 67th St., Student's Gate; 5th Ave. and 72d St., Children's Gate; 5th Ave. and 79th St., Miner's Gate; 5th Ave. and 90th St., Engineer's Gate.; 5th Ave. and 96th St., Woodman's Gate; 5th Ave. and 102d St., Girl's Gate; 5th Ave. and 110th St., Pioneer's Gate; 6th Ave. and 110th St., Farmer's Gate; 7th Ave. and 110th St., Warrior's Gate

FACTS ABOUT PUBLIC PARKS.

Union Square was purchased by the city in 1833 for $116,051; Madison Square, in 1847, for $65,952; Tompkins Square, in 1834, for $93,358; Washington Square, in 1827, for $77,970, and Manhattan Square, in 1839, for $54,657. The latter is assessed as a part of Central Park. The other four are assessed at over $16,000,000, and are easily worth $20,000,000, while their original cost to the city was only $353,331. Prospect Park, Brooklyn, contains 516 1-6 acres. In woodland, 110 acres; in lakes and watercourses, 77 acres; in meadows, 70 acres; in plantations, 259 1-6 acres; in drives, 9 miles; in bridle roads, 3 1-10 miles; in walks, 12 miles. Ocean Parkway is 5 1-2 miles long and 210 feet wide. Eastern Parkway is 2 1-2 miles long and 210 feet wide. London has 271 public parks, containing 17,876 acres of ground. The largest European city park is in Denmark; it contains 4,200 acres. The great forest of Northern New York covers an area of 3,588,803 acres. The Adirondack Park, or proposed reservation, includes 2,807,760 acres. The lands within the park line have been carefully classified lot by lot, with the following result: Primeval forest, 1,575,483 acres; lumbered forest, 1,027,955; denuded, 50,050; burned, 13,430; waste, 18,526; water, 57,104; wild meadows, 495; improved, 64,717.

Pawnbrokers' Regulations in the City of New York.

PAWNBROKERS in New York City are regulated by statute. The rate of interest fixed by law is 3 per cent a month or any fraction of a month for the first six months, and 2 per cent per month for each succeeding month upon any loan not exceeding $100, and 2 per cent a month for the first six months and 1 per cent a month for each succeeding month on any loan exceeding $100. Pledges cannot be sold until after they have been kept one year, and then at public auction by a licensed auctioneer, after publication of at least six days in two daily newspapers designated by the Mayor. Pawnbrokers pay a license fee of $500 to the city and are under the direct control of the Mayor and his Marshal. Their books must be kept open to the Mayor, Criminal Courts, Magistrates, and Police.

PROVIDENT LOAN SOCIETY, 279 FOURTH AVE., BRANCH 186 ELDRIDGE ST.

Office hours: 9 A. M. to 5 P. M.; Saturday to 6 P. M. Ticket good for one year only. Loans may be paid by instalments, in sums not less than $1. Rate of interest: One per cent per month, or any fraction thereof. Only one-half month interest charged on all loans redeemed within two weeks after date of pledge. Condition of loan: Agreed to by the holder of the ticket in consideration of interest being charged at less than the rate allowed by law, The Provident Loan Society of New York shall not be liable for loss or damage by fire, breakage, dampness, theft, or moths; nor shall it be liable in any event for more than 25 per cent in addition to the amount loaned.

The loan may be renewed at or before maturity on payment of the full amount of interest due, accompanied by the ticket. When making payment by instalment, the full amount of interest due on the sum loaned must be included, and the ticket must be returned. The interest due on the loan cannot be paid by instalment. The Society has thus far limited the classes of personal property on which it has made loans to clothing and so-called "jewelry," including under that designation all articles of gold or silver, precious stones, opera-glasses, eye-glasses, etc.

Post-Office—Manhattan Borough, New York City.

NOTICE—Care should be taken when addressing mail matter for delivery in New York City to designate the borough thereon, as many of the streets in the different boroughs bear the same name.

CORNELIUS VAN COTT, Postmaster; EDWARD M. MORGAN, Assistant-Postmaster; EDWARD S. POST, Second Assistant-Postmaster.

OFFICES AND OFFICE HOURS.

SECOND FLOOR.

Postmaster.—Room 1, south end. Office hours, 9 A. M. to 3 P. M.

Assistant-Postmaster.—Room 2, Broadway side. Office hours, 9 A. M. to 4 P. M.

Superintendent City Delivery.—Room 5, Park Row side. Office hours, 9 A. M. to 4 P. M.

Auditor.—Room 9, Park Row side. Office hours, 9 A. M. to 4 P. M.

Cashier.—Rooms 21 and 23, Park Row side. Office hours, 10 A. M. to 3 P. M.

Money-Orders.—Superintendent of Department, Room 42, City Hall side. Office hours, 9 A. M. to 5 P. M. Domestic Money-Orders, Rooms 40 and 41, City Hall side. Office hours, 9 A. M. to 5 P. M. International, Room 41, City Hall side.

Inquiry Office for Missing Letters, etc.—Room 14, Broadway side. Office hours, 9 A. M. to 4 P. M.

Superintendent of Railway Mail Service.—Fifth floor, City Hall side. Office hours, 9 A. M. to 4 P. M.

MEZZANINE FLOOR.

First landing at the head of main stairway, south end of building.

Order Department of Instruction.—Room 11, Park Row side. Office hours, 9 A. M. to 4 P. M.

Assistant Custodian.—An officer of the Treasury Department in charge of the building and watch. Room 9, Park Row side. Office hours, 9 A. M. to 4 P. M.

Registered Letters and Parcels Department.—Windows for reception, Rooms 4 and 6, Broadway side. Office hours, 8 A. M. to 6 P. M. Windows for Delivery, Rooms 4 and 6, Broadway side. Office hours, 9 A. M. to 6 P. M.

[All offices on the Second and Mezzanine Floors are closed on Sundays, and at 10 A. M. on holidays. No Money-Order or Registry business transacted on these days.]

ENTRANCE FLOOR.

Superintendent of Mails.—Sec. 18, Park Row side. Office hours, 9 A. M. to 4 P. M.

Bureau of Information.—South end (Retail Stamp Window).

Bank Window.—Sec. 11, Park Row side.

Poste Restante.—A to I Window, sec. 5, Park Row side; I to Z Window, sec. 5, Park Row side; Advertised Letter Window, sec. 6, Park Row side; Foreign Letter Window, sec. 7, Park Row side; Ladies' Window, sec. 8, Park Row side.

Foreign Supplementary Mail Window.—Sec. 16, Park Row side.

Superintendent Foreign Mail Department.—Sec. 18, Park Row side.

Superintendent Carriers' Department.—General P. O. District, sec. 12, Park Row side.

Postage Stamps, etc.—Stamped envelopes and newspaper wrappers and postal cards. Sales in sums over $5: Windows 1 and 2, sec. 19, Broadway side, and 6 and 9, south end. Sales in sums of less than $5: Windows 3, 4, and 5, secs. 17 and 18, Broadway side; windows 7 and 8, sec. 3, south end, and sec. 15, Park Row side.

OPEN ALWAYS.

Superintendent Outgoing Domestic Letter Mails Department.—Sec. 17, Broadway side.

Superintendent General Post-Office Delivery Department.—Sec. 9, Park Row side.

Mail in Quantities.—For New York City delivery, received at Window 10, Broadway side. For letters for outgoing domestic mails, received at Window 13, Broadway side. For letters for foreign countries, received at Window 16, Park Row side. Circulars received at Window 12, Broadway side. Mail in quantities must be assorted by States by the sender before mailing.

Delivery for Newspaper Exchanges.—Sec. 12, Park Row side.

Drops.—For outgoing domestic mails, sec. 15, Park Row side, and secs. 12, 13, 14, 15, Broadway side. For New York City delivery, sec. 10, Park Row side, and sec. 11, Broadway side. For foreign countries, sec. 17, Park Row side, and sec. 16, Broadway side.

Lock-Boxes.—South end and Broadway side. Lock-boxes for newspaper exchanges, Park Row side.

On general holidays, viz.: January 1, February 12, 22, May 30, July 4, Labor Day, Election Day, Thanksgiving Day, December 25, and such days as the President of the United States, or the laws, or Governor of the State may designate as holidays, fast, and thanksgiving days, all mails are closed at 10 A. M., and only such carrier deliveries are made as may have been previously announced.

BRANCH POST-OFFICES IN MANHATTAN AND BRONX BOROUGHS.

A, 142 Prince St., cor. West Broadway.
B, 380 Grand St., near Suffolk St.
C, 589 Hudson St., cor. Bethune St.
D, 25 and 27 Third Ave., near Eighth St.
E, 110-114 West 32d St., near Sixth Ave.
F, 399 and 401 Third Ave., near 28th St.
G, 1648 Broadway, cor. 51st St.
H, Lexington Ave., cor. 44th St.
I, Columbus Ave., cor. 105th St.
J, 213 West 125th St., near Seventh Ave.
K, 203 East 86th St., near Third Ave.
L, 141 East 125th St., cor. Lexington Ave.
M, 1965 Amsterdam Ave., bet. 157th and 158th Sts.
N, Broadway, cor. 69th St.
O, 72 Fifth Ave., cor. 13th St.
P, Produce Exchange Building.
R, Third Ave., cor. 150th St. (Morrisania).
S, Broadway, cor. Howard St.
T, 3319 Third Ave., bet. 164th and 165th Sts.
U, Third Ave., cor. 103d St.
V, Southeast cor. West Broadway and Canal St.
W, 498 Columbus Ave., cor. 84th St.
Y, 1160 and 1162 Third Ave., near 68th St.
Bedford Park, Southern Boulevard, near Webster Ave.
City Island, Main St. and Fordham Ave.
High Bridge, Sedgwick Ave., near Depot Place.
Kingsbridge, Kingsbridge, near R. R. Station.
Madison Square, 23d St., near Madison Ave.
Tremont, 719 Tremont Ave., between Park and Washington Aves.
University Heights, University of the City of New York.
Westchester, Main St., near West Farms road.
Williamsbridge, White Plains Ave., near Briggs Ave.

[All branch stations are opened on week days from 7 A. M. to 8 P. M., for money-order business from 8 A. M. to 6 P. M., for the registry of letters from 8 A. M. to 8 P. M. On Sundays stations are opened from 9 to 11 A. M., and on holidays from 7 to 10 A. M. No money-order or registry business transacted on Sundays or holidays.]

SYNOPSIS of regulations governing the admission of persons into the civil service of the City of New York. Information may also be had by applying to the Secretary of Civil Service Commission, Criminal Court Building, New York City.

Under the White Civil Service Law, Chapter 370, Laws of 1899, April 19, the rules apply to all positions in the service of the City of New York except officers elected by the people, all legislative officers and employés, heads of any department, or superintendents, principals, or teachers in public school, academy, or college. This requires "examinations, wherever practicable, to ascertain the fitness of applicants for appointment to the civil service of said city." The Constitution requires that these examinations shall be competitive, "so far as practicable."

APPLICATIONS.

Applications of competitors for positions included in Schedules B, C, D, E, and F must be addressed to the "Secretary of the Municipal Civil Service Commission, New York City;" and for all positions except firemen and park policemen must be accompanied with the following papers:

First—The affidavit of the applicant, showing that he is not less than eighteen years of age and a citizen of the United States, giving his place of residence, with the street and number thereof if any; the place, nature and extent of his education, and of his business training and experience, and stating whether he has ever been in the civil service of the City of New York, or in the military or naval service of the United States, and if so, when and where.

Second—A statement whether such application is limited to any particular office or offices in the service.

Third—The certificate of four reputable persons of the City of New York, that they have been personally acquainted with the applicant for at least one year, and believe him to be of good moral character, of temperate and industrious habits, and in all respects fit for the service he wishes to enter, and that each of them is willing that such certificate should be published for public information, and will upon request give such further information concerning the applicant as he may possess.

The requirements as to citizenship and certificates of character, in case of persons applying for positions under Schedules E and F and the requirements as to citizenship in case of persons applying for positions under Schedule D, may be modified or dispensed with in the discretion of the Civil Service Commission. All applications for examination shall be filed in the office of the Secretary, and all application and other blanks shall be kept at his office, and shall be procurable there only.

Applicants for the following positions must, before being admitted to examination, present satisfactory evidence as to the following facts:

First—If the position to be filled be that of physician, surgeon, medical officer, inspector of vaccination, or sanitary inspector, that the applicant is duly authorized by the laws of the State of New York to practise medicine and surgery.

Second—If the position to be filled be that of chemist or analyzer, that the applicant has received the degree of Bachelor of Sciences, or its equivalent, from some institution duly authorized by law to confer such degree.

In positions where the duties are professional, technical, or expert, the candidates will be required to show what preliminary training or technical education they have undergone to qualify them for such situations before they can be admitted to examination.

In all examinations for professional positions, or positions requiring technical knowledge, no person shall be placed on the eligible list who obtains a rating in technical knowledge of less than 70.

Applications for positions included in Schedule G must be addressed to the "Labor Clerk, etc."

For the boroughs of Manhattan, Bronx, and Richmond address "New York."

For the boroughs of Brooklyn and Queens address "Brooklyn."

CONDUCT OF EXAMINATIONS.

Applicants shall be admitted to examination upon the production of the official notification to appear for that purpose. Each applicant shall receive a number, which shall be indorsed upon his notification when produced, and the notifications so indorsed shall be sealed in an envelope. Each applicant shall sign his examination papers with his number, omitting his name, and the envelope shall not be opened until all the examination papers have been received and the markings and gradings made.

All paper upon which examinations are to be written shall be furnished to the applicants by the examining board and shall bear some suitable official indorsement, stamp, or mark, for the purpose of identifying the same.

All examinations shall be in writing, except such as refer to expertness or physical qualities, and except as herein otherwise provided.

The sheets of questions shall be numbered and shall be given out in the order of their numbers, each, after the first, being given only when the competitor has returned to the examiners the last sheet given to him. In general, no examination shall extend beyond five hours without intermission; and no questions given out at any session, to any candidate, shall be allowed to be answered at another session. Each applicant must complete his examination on the obligatory subjects before taking up any of the optional subjects.

Examiners of persons named for promotion shall personally question them concerning their office work and its purposes, in order to ascertain if they have a general and intelligent knowledge of the business in the department in which they are employed, and may require the persons examined to give a written description of the work done by them and its relation to the duties of others.

Each examiner shall exercise all due diligence to secure fairness and prevent all collusion and fraud in the examinations.

The time allowed for completing the examination shall be announced before the first paper is given out. For the obligatory subjects the examination shall be confined to a single day.

The following municipal departments and offices come under the jurisdiction of the Civil Service rules:

Accounts, Com. of.
Aldermen, Board of.
Armory, Board of.
Assessors, Board of.
Aqueduct Commission.
Bridges, Dept. of.
Brooklyn Disciplinary Training School for Boys.
Brooklyn Public Library.
Buildings, Dept. of.
Change of Grade Com.
Charities, Dept. of Public.
City Record, Supervisor of the.
City Clerk.
Civil Service Commission.
College of the City of New York.
Correction, Dept. of.
Coroners.
Council, The.
Court, City.
Court, City Magistrates.
Court of General Sessions.
Court, Municipal.
Court of Special Sessions.
Docks and Ferries, Dept. of.
East River Bridge Com.
Education, Dept. of.
Estimate and Apportionment, Board of.
Finance Dept.
Fire Dept.
Health Dept.
Highways, Dept. of.
Jurors, Com. of.
Law Dept.
Mayor's Office.
Municipal Statistics, Bureau of.
Parks, Dept. of.
Plumbers, Examining Board of.
Public Buildings, Lighting, and Supply Dept.
Public Improvements, Board of.
Police Dept.
President of Borough.
Rapid Transit Commission.
Sewers, Dept. of.
Sinking Fund Commission.
Street Cleaning, Dept. of.
Street Openings, Bureau of.
Taxes and Assessments, Dept. of.
Water Supply, Dept. of.

The inspectors of elections and poll clerks are exempt from examination. Special patrolmen, appointed pursuant to section 269 of the New York City Consolidation act, are also exempt.

Manhattan (Elevated) Railway Company.

OFFICE, 195 BROADWAY, MANHATTAN BOROUGH.

GEORGE J. GOULD, President.
ALFRED SKITT, Vice-President.
D. W. MCWILLIAMS, Secretary and Treasurer.
W. E. BAKER, General Superintendent.

MANHATTAN BOROUGH ELEVATED RAILROADS.

(*See Maps, pages* 548, 549.)

Fare, Five Cents. Children under five years of age, free.

Fare, including transfer on the Manhattan Elevated and Third Avenue surface systems, Eight Cents.

SECOND AVENUE LINE.

Trains will run between South Ferry and 129th Street daily and Sunday at intervals of 2 to 6 minutes from 5.00 A.M. to 12.43 A.M. midnight. Time, 40 minutes. Transfer to and from Third Avenue Line at Chatham Square. Through trains between Canal and 177th Streets 6.10 and 6.58 A.M. and 5.23 and 6.27 P.M. South Ferry to 129th Street and Second Avenue, 8.81 miles.

STATIONS.

South Ferry.	1st St. and 1st Ave.	42d St. and 2d Ave.	99th St. and 2d Ave.
Hanover Square.	8th St. and 1st Ave.	50th St. and 2d Ave.	111th St. and 2d Ave.
Fulton and Pearl Sts.	14th St. and 1st Ave.	57th St. and 2d Ave.	117th St. and 2d Ave.
Franklin Square.	19th St. and 1st Ave.	65th St. and 2d Ave.	121st St. and 2d Ave.
Chatham Square.	23d St. bet. 1st and 2d Aves.	80th St. and 2d Ave.	127th St. and 2d Ave.
Canal and Allen Sts.	34th St. and 2d Ave. branch	86th St. and 2d Ave.	129th St. connects with
Grand and Allen Sts.	to 34th St. Ferry, E. R.	92d St. and 2d Ave.	Suburban Rapid Transit
Rivington and Allen Sts.			

THIRD AVENUE LINE.

Trains will run daily and Sunday between City Hall and 177th Street at intervals of 3 to 6 minutes from 5.30 A.M. to 12.45 A.M., then every 20 minutes to 5.30 A.M. Trains will run daily and Sunday between South Ferry and 129th Street at intervals of 6 minutes from 5.19 A.M. to 12 midnight, then every 20 minutes to 5.19 A.M. Branch to Grand Central Depot every few minutes from 6 A.M. to 12 P.M. daily. Branch to 34th Street Ferry every few minutes from 5.30 A.M. to 12 P.M. daily. Time between City Hall and 177th Street, 52 minutes; Chatham Square to 129th Street, 33 minutes; South Ferry to 129th Street, 40 minutes. Transfer to and from Second Avenue Line at Chatham Square.

Trains will run daily and Sunday between 129th Street and 177th Street at an interval of 6 minutes from 5 A.M. to 12.45 A.M., then every 15 minutes until 5 A.M. Running time, 17 minutes from 129th Street (Second or Third Avenue) to 177th Street.

129th Street and Third Avenue to 177th Street and Third Avenue, 3.71 miles.

Express trains leave 177th Street for City Hall 6.36 and 8.30 A.M., and from City Hall 5.00 to 6.19 P.M.

South Ferry to 129th Street and Third Avenue, 8.53 miles; City Hall to 129th Street and Third Avenue, 7.57 miles.

STATIONS.

South Ferry.	18th St. and 3d Ave.	76th St. and 3d Ave.	149th St. and 3d Ave.
Hanover Square.	23d St. and 3d Ave.	84th St. and 3d Ave.	156th St. and 3d Ave.
Fulton and Pearl Sts.	28th St. and 3d Ave.	89th St. and 3d Ave.	161st St. and 3d Ave.
Franklin Square.	34th St. & 3d Ave., branch	99th St. and 3d Ave.	166th St. and 3d Ave.
City Hall.	to 34th St. Ferry, E. R.	106th St. and 3d Ave.	169th St. and 3d Ave.
Chatham Square.	42d St. and 3d Ave., branch	116th St. and 3d Ave.	Wendover Ave. and 3d
Canal and Bowery.	to Grand Central Depot.	125th St. and 3d Ave.	Ave.
Grand and Bowery.	47th St. and 3d Ave.	129th St. and 3d Ave.	174th St. and 3d Ave.
Houston and Bowery.	53d St. and 3d Ave.	133d St. } between Willis	177th St. and 3d Ave.
9th St. and 3d Ave.	59th St. and 3d Ave.	138th St. } and Alexander	(Tremont.)
14th St. and 3d Ave.	67th St. and 3d Ave.	143d St. } Aves.	

SIXTH AVENUE LINE.

Trains will run daily and Sunday between South Ferry and Central Park or Harlem at intervals of 1½ to 4 minutes from 5.30 A.M. to 12 midnight, alternately to 58th Street and 155th Street, and from 12 midnight to 5.30 A.M. every 15 minutes to 155th Street. The 58th Street station closes at midnight. A shuttle train is run between 58th Street and 50th Street station from 8.18 P.M. and 12 midnight, all main line trains after 7.50 P.M. from South Ferry going to 155th Street. The through time from South Ferry to 58th Street is 27 minutes; to 155th Street, 49 minutes. Passengers transferred at 59th Street to Ninth Avenue Line without extra charge. Crosstown (surface) cars run from Grand Central to 42d Street station.

South Ferry to 155th Street and Eighth Avenue, 10.76 miles; South Ferry to 58th Street and Sixth Avenue, 5.18 miles.

STATIONS.

South Ferry.	8th St. and 6th Ave.	53d St. and 8th Ave.	130th St. and 8th Ave.
Battery Place.	14th St. and 6th Ave.	59th St. and 9th Ave.	(down track only).
Rector & N. Church Sts.	18th St. and 6th Ave.	66th St. & Columbus Ave.	135th St. and 8th Ave.
Cortlandt & N. Church.	23d St. and 6th Ave.	72d St. and Columbus Ave.	140th St. and 8th Ave.
Park Pl. & Church St.	28th St. and 6th Ave.	81st St. & Columbus Ave.	145th St. and 8th Ave.
Chambers & W. Broadw'y	33d St. and 6th Ave.	93d St. and Columbus Ave.	155th St. & 8th Ave., con-
Franklin & W. Broadw'y	42d St. and 6th Ave.	104th St. & Columbus Ave.	nects with New York
Grand & W. Broadway.	50th St. and 6th Ave.	116th St. and 8th Ave.	& Putnam Railway.
Bleecker & W. Broadway	58th St. and 6th Ave.	125th St. and 8th Ave.	

NINTH AVENUE LINE.

Trains will run daily and Sunday from South Ferry to 135th Street every 4 to 6 minutes, and from 135th Street to South Ferry every 4 to 6 minutes between 5.31 A.M. and 11.15 P.M.; 11.15 P.M. to 5.31 A.M. between South Ferry and 59th Street, 8 to 15 minutes. Time, 24 minutes to 59th Street; 38 minutes to 135th Street.

Passengers transferred at 59th Street to Sixth Avenue Line without extra charge.

Express trains leave 155th Street for Rector Street 7.01 to 9.03 A.M., and Rector Street for 155th Street 2.21 to 6.20 P.M.

South Ferry to 155th Street and Eighth Avenue, 10.07 miles. South Ferry to 59th Street and Ninth Avenue, 5.08 miles.

STATIONS.

South Ferry.	Warren & Greenwich Sts.	Christopher & Greenwich.	34th St. and 9th Ave.
Battery Place.	Franklin & Greenwich Sts	14th St. and 9th Ave.	42d St. and 9th Ave.
Rector & Greenwich Sts.	Desbrosses & Gr'nwich Sts	23d St. and 9th Ave.	50th St. and 9th Ave.
Cortlandt & Gr'nwich St	Houston & Greenwich Sts	30th St. and 9th Ave.	59th St. and 9th Ave.
Barclay & Greenwich Sts			

Railroads in Manhattan and Bronx Boroughs.

FARES on all New York car lines Five Cents. Children under five years of age free

Owing to changes being made in motive power and routes of the various lines, the information given is, of course, subject to change.

NOTICE.—Numbers following the names of the different routes indicate the railroad company operating the line, viz.: (1) Metropolitan Street Railway: office, 621 Broadway. (2) Central Park, North and East River Railroad; office 621 Broadway. (3) Third Avenue Railroad office, 3d Ave. and 65th St. (4) Dry Dock, East Broadway, and Battery Railroad; office, 605 Grand St. (5) Metropolitan Crosstown Railway: office 621 Broadway. (6) Christopher and Tenth Street Railroad; office, 170 Christopher St. (7) Central Crosstown Railroad; office, 170 Christopher St. (8) Twenty-third Street Railroad; office, 621 Broadway. (9) Forty-second and Grand Street Ferry Railroad; office, 621 Broadway. (10) Forty-second Street, Manhattanville, and St. Nicholas Avenue Railway; office, 118 E. 42d St. (11) Union Railway, 264 E 128th St. (12) Westchester Electric R. R. (13) Yonkers Electric R. R.

Ave. C Line (1).—Starting from 34th St. and 1st Ave. on 1st Ave. to 23d St., to Ave. A, to 17th St., to Ave. C, to 3d St., to 1st Ave., to Houston St., along Houston St. to West St., along West St. to Chambers St. Ferry. Returning from Chambers St. Ferry on West St. to Charlton St., to Prince St., across Bowery to Stanton St., to Pitt St., to Ave. C, to 18th St., to Ave. A, to 23d St., to 1st Ave., to 34th St.

Tenth St. Ferry Branch.—Starting from 10th St. Ferry on 10th St. to Ave. D to 11th St., to Ave. C, to Pitt St., to Gouverneur St., to Madison St., to Montgomery St. Returning, Montgomery St., to Ridge St., to Houston St., to Ave. C, to 10th St. Ferry.

Bleecker St. and Brooklyn Bridge (8).—Starting at 23d St. Ferry, N. R., on 13th Ave. to 14th St., to Hudson St., to Bleecker St., to Wooster St., to Canal St., across Broadway to Elm St. to Reade St., to Centre St., to Park Row (Brooklyn Bridge). Returning from Brooklyn Bridge to Centre St., to Leonard St., to Elm St., to Canal St., on Canal St. to Greene St.; to Bleecker St., to Macdougal St., to W. 4th St., to W 12th St., to Hudson St., to 14th St., to 13th Ave., to 23d St Ferry, N. R.

Brooklyn Bridge and Fulton Ferry (8).—Starting from Brooklyn Bridge on Park Row to Beekman St., to South St., to Fulton Ferry. Returning from Fulton Ferry, on Fulton St. to William St., to Ann St., to Park Row, to Brooklyn Bridge.

Boston Avenue Line (11).—From 129th St. and 3d Ave. Crosses Harlem River, and runs via 3d Ave. through Mott Haven and Melrose to Boston Ave., Morrisania, thence through Boston Ave. to West Farms. Returns by same route. Through running time, 25 minutes.

Boulevard Line (10).—Leaves foot E. 34th St. Runs through 1st Ave to 42d St., 7th Ave., Broadway, Boulevard, Manhattan St to Fort Lee Ferry (W. 130th St.). Returns by same route.

Broadway Line (1).—Leaves South Ferry. Runs through Whitehall St. and Broadway to 7th Ave., to 59th St. (Central Park). Returns by same route to Broadway, to Bowling Green, to State St., to Whitehall St., to South Ferry.

Central Crosstown (7).—Leaves E. 23d St. Ferry. Runs through Ave. A, 18th, Broadway, 14th, 7th Ave., W. 11th, West St. to Christopher St. Ferry. Returns by West St., W. 11th, to 7th Ave., to 14th St., to Broadway, to 17th St., to Ave. A, to E. 23d St. Ferry

Chambers & Grand St. Ferry (5).—Leaves Grand St. Ferry, E. R. Runs through East, Cherry, Jackson, Madison, New Chambers, Chambers to Pavonia Ferry. Returns through West St., Duane St. to New Chambers, Madison to starting point.

Roosevelt Street Branch (5).—From foot of Roosevelt, through South, James Slip, New Chambers, Chambers, to Pavonia Ferry. Returns through Duane, New Chambers to starting point.

Christopher & 10th St. (6).—Leaves Christopher St. Ferry. Runs through Christopher, Greenwich Ave., Clinton Pl., E. 8th, St. Mark's Pl., Ave. A, E. 10th to E. 10th St. Ferry. Returns by E. 10th, Ave. A, E. 9th, Stuyvesant Pl., 8th St., Clinton Pl., Greenwich Ave., W. 10th to Christopher St. Ferry.

City Hall & Ave. B (4).—Leaves Ann St. and Broadway. Runs through Park Row, E. Broadway, Clinton, Ave. B, 14th, 1st Ave., 34th St. to ferry. Returns by same route to 2d St., Ave. A, Essex, E. Broadway, Park Row to Broadway and Ann St.

City Hall & Ave. D (4).—Leaves Ann St. and Broadway. Runs through Park Row, E. Broadway, Grand, Columbia, Ave. D, 14th Ave. A to E. 23d St. Ferry. Returns same route to 14th, Ave. B, 10th, Ave. D, 8th, Lewis, Grand to starting point

Columbus Ave. (1).—Starting at 109th St. and Columbus Ave., along Columbus Ave. and across the Boulevard to 9th Ave., to 53d St., to 7th Ave and following the route of the Broadway Cable to South Ferry. Returns by the same route

Desbrosses & Grand St. (4).—Leaves Grand St. Ferry. Runs through Grand, Sullivan, Vestry, Greenwich, Desbrosses to Desbrosses St. Ferry. Returns by Desbrosses, Washington, Vestry, thence by same route to starting point.

Desbrosses St. Ferry Line (1).—Leaves 59th St. and 8th Ave., through 6th Ave. to Carmine St., Varick, Watts, West to Desbrosses St. Ferry. Returns by same route.

Desbrosses St. Ferry Line (5).—Starting at Grand St. Ferry on Grand St., to East St., to Delancey St., across Bowery to Spring St., to W. Broadway, to Broome St., to Sullivan St., to Watts St., to West St., to Desbrosses St. Ferry. Returns by same route.

Eastchester Line (12).—From Mount Vernon to Eastchester. Time, 10 minutes.

Eighth Ave. (1).—Leaves Broadway and Vesey St. Runs through Vesey, Church, Chambers, W. Broadway, Canal, Hudson, 8th Ave., to Macomb's Lane to Harlem River. Returns by same route to West Broadway, Vesey St. to Broadway.

86th St. Crosstown (1).—Leaves foot East 92d Street. Runs through Avenue A to East 86th St., through transverse road through Central Park, to 86th Street and 8th Avenue. Returns by same route.

86th St. (10).—Leaves Amsterdam Ave. and 86th St., through 86th St. to Riverside Drive.

59th St. Crosstown (2).—Leaves 1st Avenue and 59th Street. Runs through 59th Street to 10th Avenue. Returns by same route.

First Ave. Line (1).—Leaves foot Whitehall St., to South, Broad, Water, Old Slip, South, Montgomery, South, Corlears, Grand, Goerck, Houston, 2d St., Ave. D 14th, Ave. A, 23d, 1st Ave., to 125th St. Returns by same route to Ave. D, 8th, Lewis, Houston, Mangin, Grand, Corlears, Monroe, Jackson, Front, South, Front, Whitehall, to South Ferry. This road passes all East River Ferries.

Fordham (11).—Starts from 129th St. and 3d Ave. Crosses Harlem River, through 3d Ave., Mott Haven, Melrose, Morrisania Claremont Park, Tremont, Fordham to Bedford Park. Returns by same route.

42d & Grand St. (9).—Leaves Grand St. Ferry. Runs through Grand, Goerck, Houston, 2d St., Ave. A, 14th St., 4th Ave., 23d St., Broadway 5th Ave. 34th St., 10th Ave., 42d St. to Weehawken Ferry. Returns by same route

42d St. Line (10).—Leaves E. 34th St. Ferry, through 34th St. to 1st Ave., to 42d St., to foot W. 42d St. Transfers at 3d Ave. with 3d Ave. Line, and at 7th Ave. with Boulevard and 10th Ave. Lines.

RAILROADS IN MANHATTAN AND BRONX BOROUGHS—*Continued.*

14th St. and Union Square Line (6).—Leaves Christopher Street Ferry. Runs through Christopher Street to Greenwich Street, to 9th Avenue, to 14th Street, to 4th Avenue. Returns by 14th Street to 9th Avenue, to Gansevoort, to Washington, to Christopher, to Ferry

14th St. Line (6).—Leaves 14th Street and 4th Avenue. Runs through 14th Street to North River. Returns by same route.

14th St. Ferry N. R. Line (5).—Leaves foot of Grand St., E. R. Runs through East St., to Delancey, Spring, West Broadway, 4th Macdougal. Waverley Place. Bank, Greenwich Ave. West 13th. 13th Ave., Ferry foot West 14th St.

Fourth & Madison Aves. (1).—Leaves Post-Office and Brooklyn Bridge. Runs through Park Row, Centre, Grand, Bowery. 4th Ave to Grand Central Depot, thence by Vanderbilt Ave. to 44th St., to Madison Ave., to 138th St. Branch 4th Ave. and Astor Place to Broadway.

Fulton, Cortlandt & Barclay St. Ferries (1).—Leaves Fulton Ferry Runs through Fulton St. from South to West St., thence every other car runs to either Barclay or Cortlandt St. Ferry

Grand & Cortlandt St. (4).—Leaves Grand St. Ferry Runs through Grand, E. Broadway, Canal, Walker, W. Broadway, North Moore Washington to Cortlandt St. Ferry. Returns by Cortlandt, Greenwich, Beach. W. Broadway, Lispenard Broadway. Canal St., same route to starting point.

Highbridge Line (11).—Starts from 129th St. and 3d Ave. Crosses Harlem River, and runs via Southern Boulevard to Willis Ave, to Melrose Ave., to 161st St., to Macomb's Dam Bridge. to Highbridge. Returns by same route. Through time 30 minutes.

Jerome Ave. Line (11).—Leaves Macomb's Dam Bridge for Mt. Hope, Fordham Heights, Fordham, Bedford Park, Williamsbridge, Woodlawn Cemetery (Vancortlandt Park). Time, 30 minutes.

Lenox Ave. (1).—Starting at 146th St. and Lenox Ave., along Lenox Ave. to 116th St., to Manhattan Ave., to 109th St. to Columbus Ave. Returns by the same route. Also leaves Lenox Ave. and 146th St.

Lexington Ave. (1).—From 130th St. and Lexington Ave., along Lexington Ave. to 23d St., to Broadway. and the route of Broadway Cable Line to South Ferry Returns by same route.

Mount Vernon Line (12).—Leaves West Farms. Runs through Van Nest (Morris Park Race Track), to Bronxdale, to Williamsbridge, to Woodlawn. to Wakefield, to Mount Vernon. Returns by same route. Through time, 40 minutes.

Mount Vernon Stations Line (12).—Leaves Mount Vernon Station N. Y., N. H. & H. R. R. Runs through First Street to Mount Vernon Avenue to Mount Vernon Station of Harlem Division N. Y. C. & H. R. R. Returns by same route. Through time, 10 minutes.

Ninth Ave. (1).—Leaves Washington and Fulton St. Runs through Fulton, Greenwich, 9th Ave., Columbus Ave., Boulevard Amsterdam Ave. to 125th St.

110th St. Line (10).—Leaves Fort Lee Ferry (foot W. 130th St.) and runs through Manhattan St., St. Nicholas Ave., 110th St. to Ave. A. Returns by same route.

116th St. Crosstown Line (1).—Leaves 109th St. and Columbus Ave., to Manhattan Ave., to 116th St., to Lexington Ave., to 105th St

125th St. Line (3).—Starts from foot 125th St., E. R. Runs through 125th and Manhattan St., 130th St. to North River. Returns by same route.

Pelham Park Line.—Leaves Bartow Station (on Harlem River branch of New Haven Railroad), and runs east through Pelham Park to City Island. Returns by same route.

Pelham, Mount Vernon, and New Rochelle Line (12).—Leaves Mount Vernon for Pelham Heights, Pelham Manor, Pelham, and New Rochelle. Through time, 25 minutes.

Port Morris Line (11).—From 8th Ave. and 135th St. to Mott Haven, 138th St. to Port Morris. Returns by same route. Through time, 20 minutes.

Second Ave. (1).—Leaves Fulton Ferry, E. R. Runs through Fulton, Water, Peck Slip, South, Oliver, Park Row, Bowery, Grand, Forsyth, Houston, 2d Ave. to E 10th St. Returns by 2d Ave. to Chrystie, Grand, Bowery, Division, Park Row, Pearl, Peck Slip. South to Fulton Ferry.

Second Ave. Electric Line (1).—Leaves 129th St. and 2d Ave. Runs through 2d Ave., to 10th St., Stuyvesant, 4th Ave., Bowery, Broome St., Centre St., to Brooklyn Bridge.

Worth St Branch (1).—Runs from Broadway and Worth St. to Bowery, connecting with 2d Ave. line

Astor Place Branch (1).—Runs from Broadway and Astor Place to 4th Ave.

Seventh Ave. (1).—Leaves 50th St. and 7th Ave. Runs to Greenwich Ave., Clinton Pl., Macdougal St., W 4th St., Thompson St., Canal St., Broadway. Returns through Canal St. to Sullivan St., W 3d St., Macdougal St., Clinton Pl., Greenwich Ave., 7th Ave. to 50th St

Sixth Ave. (1).—Leaves corner Broadway and Vesey St. Runs through Vesey, Church. Chambers, W. Broadway, Canal, Varick, Carmine. 6th Ave. to 59th St. and Central Park. Returns by same route to W Broadway and Vesey St. to Broadway.

Amsterdam Ave.—Leaves 1st Ave. and 59th St., Columbus Ave., Boulevard, Amsterdam Ave. to 127th St.

Southern Boulevard Line (11).—From 129th St. and 3d Ave., via Southern Boulevard, through Port Morris and Woodstock, to Boston Ave., to Bronx River, West Farms.

Tenth Ave. (3).—Leaves foot E. 125th Street. Runs through 125th Street, Manhattan Street, and Amsterdam Avenue, to 194th Street. Returns by same route.

Tenth Ave. (10).—Leaves E. 34th St Ferry, through 34th St. to 1st Ave., 42d St., 10th Ave., Amsterdam Ave., Manhattan St. to Fort Lee Ferry (W. 130th St.). Returns by same route.

Third Ave. (3).—Runs from opposite the Astor House through Park Row, Bowery, 3d Ave., to 130th St., and returns by same route. Also through 125th St. at its junction with 3d Ave., to Amsterdam Ave., thence northerly along Amsterdam Ave to Fort George, at or about 194th St.

Thirty-fourth St. Crosstown (9).—Starting at 34th St. Ferry, E. R., on 34th St., to 10th Ave., to 42d St., to 42d St. Ferry, N. R. Returns by same route.

28th and 29th Sts. (1).—Leaves West 23d Street Ferry. Runs through 13th Ave. to 24th St., to 11th Ave., to 28th St., to 1st Ave., to E. 34th Street Ferry. Returns by 1st Avenue to 29th Street, to 11th Avenue, to 24th Street, to 13th Avenue, to W. 23d St. Ferry.

23d St. & Erie Ferry (8).—Runs from W. 23d St., N. R., to E. 23d St., E. R.

Thirty-fourth St. Branch (8).—Runs through 23d St. to 1st Ave. to 34th St. Ferry. Returns by same route.

Fourteenth St. Branch (8).—Leaves West 23d St. Ferry runs through 13th Ave. to W. 14th St. to 11th Ave., thence to Union Square and 4th Ave.

Tremont, Westchester, and Unionport Line (11).—From 177th St. and Jerome Ave. to Tremont. Fairmount, West Farms, Van Nest, Westchester, Unionport. Through time, 35 minutes.

Western Belt Line (2).—Leaves South Ferry. Runs through Whitehall, Battery Pl., West St., 10th Ave. to 53d St. Returns by same route to Battery Pl., State St., South Ferry, passing all North River ferries.

Yonkers Line (13).—From Mount Vernon through Dunwoodie to Yonkers. Also from Yonkers to Kingsbridge, via Lowerre, Mosholu, etc.

Steamships from New York City.

THIS table gives the destination of the steamer, then the street from the foot of which the steamships sail, and the location of the office of the agent in Manhattan Borough, City of New York.

Amsterdam, 6th St., Hoboken, Holland-America Line, Produce Exchange.
Antigua, W. 10th St., Quebec S. S. Co., 39 B'way.
Antwerp, foot Fulton St., N. R., Red Star Line, 73 Broadway.
Antwerp, Bethune St., Hoboken, Phoenix Line, 29 Broadway. After May 1, 1900, 22 State St.
Baltimore, Md., Pier 7, N. R., New York and Baltimore Trans. Co., on Pier.
Barbadoes, Martin Stores, Brooklyn Borough, Red Cross Line, 113 Pearl St.
Barbadoes, foot W. 10th St., Quebec S. S. Co., 39 Broadway.
Bermuda, W. 10th St., Quebec S. S. Co., 39 B'way.
Bordeaux, Manhanset Dock, Jersey City, 32 Broadway.
Bremen, 2d St., Hoboken, North German Lloyd, 5 Broadway.
Bristol, Eng., foot W. 29th St., Bristol City Line, 25 Whitehall St.
Buenos Ayres, Dock in Brooklyn Borough, Lamport & Holt Line, 19 Whitehall St.
Buenos Ayres, Atlantic Dock, Brooklyn Borough, Norton Line, 115 Produce Exchange.
Callao, Merchants' Line, W. R. Grace & Co., Hanover Square.
Campeche, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
Cape Town, Africa, Atlantic Dock, Brooklyn Borough, American-African Line, 115 Produce Exchange.
Carthagena, W. 25th St., Atlas Line, 17 State St.
Charleston, S. C., foot of W. 10th St., Clyde Line, 5 Bowling Green and 375 Broadway.
Christiania, 4th St., Hoboken, Scandinavian-American Line, 9 Stone St.
Cienfuegos, Wall St., Waydell & Co., 132 Pearl St., or J. E. Ward & Co., 113 Wall St.
Colon, foot W. 27th St., Panama R. R. Steamship Line, 29 Broadway and on Pier.
Copenhagen, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
Copenhagen, 4th St., Hoboken, Scandinavian-American Line, 9 Stone St.
Costa Rica, W. 25th St., Atlas Line, 17 State St.
Curaçoa, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
Curaçoa, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
Demerara, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
Demerara, Demerara S. S. Line, 136 Wall St.
Demerara, W. 10th St., Quebec S. S. Co., 39 Broadway.
Dominica, W. 10th St., Quebec S. S. Co., 39 Broadway.
Dundee, Manhanset Dock, Jersey City, Arrow Line, 11 Broadway.
Galveston, Burling Slip, Mallory Line, Pier 20, E. R., and 385 Broadway.
Genoa, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
Genoa and Gibraltar, 2d St., Hoboken, North German Lloyd, 5 Broadway.
Genoa and Gibraltar, Union Stores, Brooklyn, Anchor Line, 17 Broadway.
Glasgow, W. 24th St., Anchor Line, 17 Broadway.
Glasgow, W. 21st St., Allan-State Line, 53 Broadway.
Greytown, W. 25th St., Atlas Line, 17 State St.
Halifax, Prentice Stores, Brooklyn Borough, Red Cross Line, 17 State St.
Hamburg, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
Havana, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
Havre, Morton St., French Line, 32 Broadway.
Hayti, foot W. 25th St., Atlas Line, 17 State Street.
Hayti, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
Hull, foot Bethune St., Wilson Line, 29 Broadway. After May 1, 1900, at 22 State St.
Jacksonville, foot W. 10th St., Clyde Line, 5 Bowling Green and 375 Broadway.
Key West, Burling Slip, Mallory's Line, Pier 20, E. R., and 385 Broadway.
Kingston, Jamaica, foot W. 25th St., Atlas Line, 17 State St.
Laguayra, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
Laguayra, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
Leghorn, Union Stores, Brooklyn Borough, Anchor Line, 17 Broadway.
Leghorn, Atlantic Dock, Brooklyn Borough, Prince Line, Produce Exchange Annex.
Leith, Manhanset Dock, Jersey City, Arrow Line, 11 Broadway.
Lisbon, Atlantic Dock, Brooklyn Borough, Insular Navigation Co., 6 Hanover St.
Liverpool, foot Jane or Gansevoort St., Cunard Line, 29 Broadway.
Liverpool, W. 11th St., White Star Line, 9 Broadway.
Livingston (Guatemala), Bowring & Archibald, 17 State St.
London, W. Houston St., Atlantic Transport Line (National Line). 1 Broadway.
Manchester, Dock in Brooklyn Borough, Lamport & Holt Line, 301 Produce Exchange.
Marseilles, Warren St., Brooklyn Borough, Fabre Line, 47 South St.
Marseilles, Union Stores, Brooklyn, Anchor Line, 17 Broadway.
Martinique, W. 10th St., Quebec S. S. Co., 39 B'way
Melbourne, Atlantic Dock, Brooklyn Borough, American and Australian Line, 115 Produce Exchange.
Montevideo, Atlantic Dock, Brooklyn Borough, Norton Line, 115 Produce Exchange
Montevideo, Dock in Brooklyn Borough, Lamport & Holt Line, 19 Whitehall St.
Montevideo, Atlantic Dock, Brooklyn Borough, Prince Line, Produce Exchange Annex.
Naples, Union Stores, Brooklyn Borough, Anchor Line, 17 Broadway.
Naples, Warren St., Brooklyn Borough, Fabre Line, 47 South St. (Hamburg-Am. Line and N. German Lloyd also call at Naples. See "Genoa and Gibraltar.")
Nassau, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
Nassau, Bahamas S. S. Co., 63 Pine St.
New Orleans, Pier 9, N. R., Cromwell Line, Pier 9, N. R.
New Orleans, North Moore St., Southern Pacific Co., 349 Broadway and on Pier.
Norfolk and Old Point Comfort, Beach St., Old Dominion S. S. Co., on Pier.
Para, Martin Stores, Brooklyn Borough, Booth S. S Co, 88 Gold St.
Para, Martin Stores, Brooklyn Borough, Red Cross Line, 113 Pearl St.
Pernambuco, Dock in Brooklyn Borough, Lamport & Holt Line, 19 Whitehall St.
Pernambuco, Atlantic Dock, Brooklyn Borough, Sloman's Line, Produce Exchange Annex.
Philadelphia, foot Oliver St., Clyde Line, on Pier.
Port au Prince, see "Hayti."
Port Elizabeth, Atlantic Dock, Brooklyn Borough, American and African Line, 115 Produce Exch.
Portland, foot Market St., Maine S. S. Line, 222 South St.
Port Limon, W. 25th St., Atlas Line, 17 State Street.
Porto Rico, Empire Stores, Brooklyn Borough, N. Y., and Porto Rico S. S. Line, 32 Broadway.
Porto Rico, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
Progreso, foot Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.

STEAMSHIPS FROM NEW YORK CITY—*Continued.*

Puerto Cabello, Roberts Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
Puerto Cabello, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
Puerto Cortez, Prentice Stores, Brooklyn Borough, Bowring & Archibald, 17 State St.
Queenstown, Cunard and White Star Lines call here.
Richmond, Beach St., Old Dominion Line, on Pier.
Rio de Janeiro, Atlantic Dock, Brooklyn Borough, Sloman's Line, Produce Exch. Annex.
Rio de Janeiro, Dock in Brooklyn Borough, Lamport & Holt Line, 301 Produce Exchange, 19 Whitehall St.
Rotterdam, 6th St., Hoboken, Holland-America Line, 39 Broadway.
San Domingo, Roosevelt St., Clyde Line, 5 Bowling Green (may change).
Santiago de Cuba, Wall St., New York and Cuba Mail Line, 113 Wall St.
Savannah, Spring St., Ocean S.S. Line, on Pier and 317 Broadway.
Savanilla, W. 25th St., Atlas Line, 17 State St.
Southampton, Fulton St., N. R., American Line, 73 Broadway.
Southampton, 2d St., Hoboken, North German Lloyd Line, 5 Broadway.
St. John's, N. F., Prentice Stores, Brooklyn Borough, Red Cross Line, 17 State St.
Stettin, 1st St., Hoboken, Scandia Line, 37 Broadway.
Stettin, 4th St., Hoboken, Scandinavian-American Line, 9 Stone St.
Tampico, Prentice Stores, Brooklyn, New York and Cuba Mail Line, 113 Wall St.
Trinidad, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
Trinidad, Union Stores, Brooklyn Borough, Trinidad Line, 29 Broadway.
Valparaiso, W. R. Grace & Co., Hanover Square.
Vera Cruz, Wall St., New York and Cuba Mail Line, 113 Wall St.
Wilmington, N. C., Roosevelt St., E. R., Clyde Line 5 Bowling Green (may change), 375 Broadway.

Ferries from and to Manhattan Borough, New York.

To Astoria.—From ft. E. 92d St.

" Bedloe's Isl. (Liberty Island).—From Battery.

" Blackwell's Island.—From ft. 26th St., ft. 52d St., ft. 60th St., ft. 116th St., E. R.

" Brooklyn Borough.—From ft. Catharine St. to Main St., Brooklyn Boro.

" " " From ft. E. 10th and ft. E. 23d St. to Greenpoint Ave., Brooklyn Boro.

" " " From ft. E. 23d St. to B'way, Brooklyn Boro.

" " " From ft. E. Houston St. to Grand St., B'klyn Boro.

" " " From ft. Fulton St. to Fulton St., Brooklyn Boro.

" " " From ft. Grand St. to Grand St. and Broadway, Brooklyn Boro.

" " " From ft. Roosevelt St. to Broadway, B'klyn Boro.

" " " From ft. Wall St. to Montague St., B'klyn Boro.

" " " From ft. Whitehall St. to Atlantic and Hamilton Aves., Brooklyn Boro.

" " " From ft. Whitehall St., to 39th St., Brooklyn Boro.

" College Point (Queens Borough).—From ft. E. 99th St.

" Fort Lee.—By trolley line from Undercliff, Take ferry at ft. W. 130th St.

" Governor's Island.—From ft. Whitehall St.

" Hart's Island.—From ft. 116th St., E. R.

" Hoboken.—From ft. Barclay and Christopher Sts. to Newark and Ferry Sts., Hoboken

" " From ft. W. 14th St. to 14th St. Hoboken.

To Jersey City.—From ft. Chambers and W. 23d Sts. to Pavonia Ave., Jersey City. (Erie, Northern of New Jersey, and N. J. & N. Y. R. R.)

" " " From ft. Cortlandt, Desbrosses, and W. 23d Sts. to Montgomery St., Jersey City. (Pennsylvania R. R., Lehigh Valley R. R., and New York, Susquehanna & Western R. R.)

" " " From ft. Liberty and Whitehall Sts. to Communipaw, Jersey City. (Central R. R. of New Jersey.)

" " " Pennsylvania Annex from ft. Fulton St., Brooklyn Borough, to Jersey City, connecting with Pennsylvania R. R., Lehigh Valley R. R., and New York, Susquehanna & Western R. R.

" " " From ft. W. 13th St. to Bay St., Jersey City.

" North Brother Island.—From ft. E. 138th St.

" Queens Borough (Long Island City).—From ft. E. 44th St. and James Slip to Borden Ave., Long Island City (L. I. R. R.).

" Randall's Island.—From ft. E. 26th & E. 120th Sts.

" Richmond Borough (Staten Island).—From ft. Whitehall St. to St. George, Staten Island. (Staten Island Rapid Transit R. R. and Trolley lines.)

" Ward's Island.—From ft. E. 116th St.

" Weehawken.—From ft. Franklin and ft. W. 42d St. to W. Shore R. R. Depot).

" " From ft. W. 42d St. to Old Slip, Weehawken.

Trust Companies in Brooklyn Borough.

Brooklyn, 177 Montague Street.
Franklin, 166 Montague Street.
German-American Real Estate Title Guarantee Company, 40 Court Street.
Hamilton, 191 Montague Street.
Kings County, 344 Fulton Street.
Long Island Loan and Trust Company, 203 Montague Street.
Manufacturers', 198 Montague Street.
Nassau Loan and Trust Company, 101 Broadway.
People's, 172 Montague Street.
Title Guarantee and Trust Company, 175 Remsen Street.
Williamsburg, Broadway and Kent Avenue, and 361 Fulton Street.

Prominent Societies and Associations

(IN MANHATTAN AND BRONX BOROUGHS).

Actuarial Society, I. C. Pierson, Secretary, 141 Broadway.
Am. Bible Society, 6 Bible House. Edward W. Gilman, Sec.
Am. Church Missionary Society, 281 4th Ave. W. Dudley Powers, Sec.
Am. Dialect Society (Nat'l). E. H. Babbitt, Sec., Columbia University.
Am. Fine Arts Society, 215 W. 57th St. H. M. Barry, Sec.
Am. Geographical Society, 11 W. 29th St. A. A. Raven, Sec.
Am. Institute, 113 W. 38th St. W. T. Peoples, Sec.
Am. Missionary Association, 105 E. 22d St. A. F. Beard, Sec.
Am. Protective Tariff League, 135 W. 23d St. W. F. Wakeman, Sec.
Am. Seamen's Friend Society, 76 Wall St. W. C. Stitt, Sec.
Am. Society for the Prevention of Cruelty to Animals, 26th St. & Madison Ave. J. M. Knox, Sec.
Am. Society of Civil Engineers, 220 W. 57th St. C. W. Hunt.
Am. Sunday-School Union, 158 5th Ave. E. P. Bancroft, Sec.
Am. Tract Society, 150 Nassau St. W. W. Rand, Sec.
Am. Unitarian Association, 104 E. 20th St. S. A. Elliott, Sec.
Am. Water-Color Society, 53 E. 23d St. C. H. Eaton, Sec.
Am. and Foreign Christian Union, 105 E. 22d St. L. T. Chamberlain, Sec.
Architectural League, 215 W 57th St. M. E. Stone, Sec.
Art Students' League, 215 W. 57th St. Alma De Mier, Sec.
Aryan Theosophical Society, 144 Madison Ave.
Association for Befriending Children and Young Girls, 136 2d Ave. Mrs. H. L. Not, Sec.
Asscciation for Improved Instruction of Deaf Mutes, 912 Lexington Ave. Paul M. Herzog, Sec.
Bar Association of City of New York, W. 44th St., near 6th Ave. D. B. Ogden, Sec.
Beethoven Maennerchor, 210 5th St. F. W. Schultze, Sec.
Biographical Soc. of America, 109 University Pl.
Blue Anchor Society, W. N. R. A., 105 E. 22d St. Miss A. Sanford, Sec.
Charity Organization Society, 105 E. 22d St. E. T. Devine, Sec.
Children's Aid Society, 105 E. 22d St. C. L. Brace, Sec.
Christian Aid to Employment Society, 21 Bible House. J. S. Stone, Sec.
Christian Alliance, 692 8th Ave. A. E. Funk, Sec.
Church Society of Promoting Christianity Among the Jews, 281 4th Ave. W. A. Matson, Sec.
Church Univ. Board of Regents, 29 Lafayette Pl. W. M. Hughes, Sec.
City Improvement Society, 12 E. 23d St. J. C. Pumpelly, Sec.
City Vigilance League, 105 E. 22d St. T. L. McClintock, Sec.
Cong. Home Missionary Society, 105 E. 22d St. J. B. Clark, Sec.
Cooper Union, for Advancement of Science and Art, 8th St. and 4th Ave. A. S. Hewitt, Sec.
Domestic and Foreign Missionary Society of the Protestant Episcopal Church, 283 4th Ave. Joshua Kimber, Sec.
Evangelical Alliance, 105 E. 22d St. L. T. Chamberlain, Sec.
Gaelic Society, 64 Madison Ave. W. J. Balfe, Sec.
German Liederkranz, 111 E. 58th St. R. F. Lang, Sec.
German Society, 13 Broadway. E. Lehmke, Sec.
Helping Hand Association, 416 W. 54th St. Mrs. E. H. Herrick, Sec.
Holland Society, 346 B'way. T. M. Banta, Sec.
Home and Foreign Missionary Society of A. M. E. Church, 61 Bible House. L. B. Parks, Sec.
Hospital Saturday and Sunday Association, 105 E. 22d St. Geo. S. Baker, Sec.
Huguenot Society, 105 E. 22d St. L. Luquer, Sec.
Humane Assoc., 10 W. 48th St. C. E. Latimer, Sec.
Industrial Christian Alliance, 170 Bleecker St. A. W. Milbury, Sec.
International Order of the King's Daughters and Sons, 156 5th Ave. Mrs. I. C. Davis, Sec.
Irish Emigrant Society, 51 Chambers St. H. J. Jackson.
Irish Nat'l Fed., 47 W. 42d St. J. P. Ryan, Sec.
Jewelers' Relief Association, 12 Maiden Lane. M. J. Lissauer, Pres.
Ladies' Christian Union, 49 W. 9th St. Mrs. Henry Bowers, Sec.
Law and Order Society of State of New York, 34 Park Row
Linnæan Society, Central Park West, cor. W. 77th St. W. W. Granger, Sec.
Methodist Historical Society, 150 5th Ave. Jas. M. Freeman, Sec.
Missionary Society, Chelsea Sq. J. Yarnall, Sec.
Nat'l Christian League for Promotion of Social Purity, 33 E. 22d St. Mrs. I. N. Miller, Sec.
Nat'l Citizens Alliance, 41 Park Row. H. Nichols, Sec.
Nat'l Humane Alliance, 287 4th Ave. E. C. Vick, Sec.
Nat'l League for the Protection of American Institutions, 1 Madison Ave. Jas. M. King, Sec.
Nat'l Philatelic Society, 351 4th Ave. Walter S. Scott, Sec.
Nat'l Sculpture Society, 215 W. 57th St. Barr Ferree, Sec.
Nat'l Society of New England Women, 332 W. 87th St. Mrs. B. B. Kenyon, Sec.
Natural Science Association of America, 114 5th Ave. W. S. Tisdale.
New England Society, 32 Liberty St. George Wilson, Sec.
N. Y. Academy of Science, Columbia University. Richard E. Dodge, Sec.
N. Y. Association of Working Girls' Societies, 19 E. 47th St. Miss M. Draper, Sec.
N. Y. Association for Improving the Condition of the Poor, 105 E. 22d St. L. E. Opdycke, Sec.
N. Y Bible Soc., 66 Bible House. C. A. B. Pratt, Sec.
N. Y. City Church Extension and Missionary Soc. of M. E. Church, 150 5th Ave. F. M. North, Sec.
N. Y. City Mission and Tract Society, 105 E. 22d St. A. K. Ely, Sec.
N. Y. Dorcas Society, 52 W. 27th St. Miss A. J. Pomeroy, Sec.
N. Y. Flower and Fruit Mission, 104 E. 20th St. Miss F. L. Russell, Sec.
N. Y. Genealogical and Biographical Society, 226 W. 55th St. H. Calkins, Jr., Sec.
N. Y. Historical Society, 170 2d Ave. E. F. De Lancey, Sec.
N. Y. Kindergarten Association, 105 E. 22d St. James M. Bruce, Sec.
N. Y. Ladies' Home Missionary Society, 63 Park St. A. K. Sanford, Supt.
N. Y. Law Institute, 116 P. O. Building. James C. Foley, Sec.
N. Y. Maennerchor Society, 203 E. 56th St. G. Hegerfeldt, Sec.
N. Y. Practical Aid Society, 246 W. 37th St. E. L. Booth, Sec.
N. Y. Sangerbund, 207 E. 67th St.
N. Y. Scottish Celtic Society, 8 Union Sq. E. John Steele, Sec.
N. Y. Scottish Soc., 241 5th Ave. J. Duncan, Sec.
N. Y. Society for the Enforcement of the Criminal Law, 106 Fulton St. John J. Sleeper, Sec.
N. Y. Society for the Prevention of Cruelty to Children, 297 4th Ave. E. F. Jenkins, Sec.
N. Y. Society for the Suppression of Vice, 41 Park Row. A. Comstock, Sec.
N. Y. Society of Pedagogy, 41 E. 85th St. John W. Davis, Sec.
N. Y. Sunday-School Association, 10 E. 23d St. A. H. McKinney, Sec.
N. Y. Typographical Society, 106 Fulton St.
N. Y Zoological Soc., 69 Wall St. M. Grant, Sec.

PROMINENT SOCIETIES AND ASSOCIATIONS—*Continued.*

Norwegian Soc., 192 3d Ave. C. W. Leeman, Sec.
Ohio Soc., Waldorf-Astoria. W. H. Blymer, Sec.
Old Guard, cor. Broadway and 49th St. E. P. Moore, Sec.
Oratorio Society, 7th Ave., near 56th St. W. B. Tuthill, Sec.
Orphan Asylum Society, Riverside Ave. and W. 73d St. Mrs. A. Maitland, Sec.
Patriotic League, 156 5th Ave. R. Franklin, Sec.
Pennsylvania Society of New York. Barr Ferree, Sec., 7 Warren St.
Philharmonic Society, Carnegie Hall. A. Roebbelen, Sec.
Prison Association, 135 E. 15th St. W. M. F. Round, Sec.
Protestant Episcopal Society for the Promotion of Evangelical Knowledge, 2 Bible House. H. Dyer, Sec.
Provident Loan Society, 279 4th Ave. R. W. De Forest, Sec.
St. Andrew's Society, 105 E. 22d St., 287 E. Broadway. G. A. Morrison, Sec.
St. David's Soc., 105 E. 22d St. J. D. Evans, Sec.
St. George's Society, 70 Broad St. E. K. Bedell, Sec.
Scientific Alliance of New York, N. Y. Botanical Garden, Bronx Park. N. L. Britton, Sec.
Seventh Regiment Veterans, 150 Nassau St.
Society for Ethical Culture, 669 Madison Ave. Robert D. Kohn, Sec.
Society for Instruction in First Aid to the Injured, 105 E. 22d St. H. H. Truman, Sec.
Society for the Prevention of Crime, 105 E. 22d St. T. D. Kenneson, Sec.
Society for the Reformation of Juvenile Delinquents, Randall's Island. N. Jarvis, Jr., Sec.
Society of American Artists, 215 W. 57th St. William D. Volk, Sec.
Society for the Relief of Half Orphans and Destitute Children, 110 Manhattan Ave. Mrs. J. L. Sutherland, Sec.
Society of Humanity, 28 Lafayette Place. Mrs. I. M. Batchelor, Sec.
State Charities Aid Association, 105 E. 22d St. H. Folks, Sec.
Symphony Society, 7th Ave. near W. 56th St. Laura J. Post, Sec.
Tammany Society, 143 E. 14th St. T. F. Smith, Sec.
Technical Society, 192 3d Ave. Wm. Mueser, Sec.
Unitarian Society, 104 E. 20th St.
United Hebrew Charities, 356 2d Ave. I. S. Isaacs, Sec.
Union Veteran Legion, 8 Union Square.
University Settlement Society, 184 Eldridge St. S. M. Cromwell, Sec.
Veteran Firemen's Association, Lexington Ave., cor. 29th St. W. L. Clark, Sec.
Wagner Society, cor. 7th Ave. and 56th St. E. G. Love, Sec.
White Cross Society, 224 Waverley Place. W. R. Smith, Sec.
Woman's Auxiliary Board Missions, 283 4th Ave. Miss J. C. Emery, Sec
Women's Prison Association, 110 2d Ave. Mrs. Geo. H. Hepworth, Sec.
Young Men's Christian Association, main office, 3 W. 29th St. B. K. Wiley, Sec.
Young Men's Christian Union, 700 Westchester Ave. R. S. Alcoke, Sec.
Young Men's Hebrew Association, 861 Lexington Ave. F. Younker, Sec.
Young Women's Christian Association, 7 E. 15th St. Miss J. F. Bangs, Sec.

Volunteer Life-Saving Corps.

THE Volunteer Life-Saving Corps of the State of New York, "Inland Waters," has 672 stations and over 6,000 enrolled members, all expert swimmers, yachtsmen, and boatmen, with about 2,300 boats, from dories to expensive sail, steam, and naphtha launches, and has fifteen lifeboats of its own. It covers all important points on all the lakes and rivers of the State from Montauk Point, L. I., to the shores of Lakes Erie and Ontario. It has saved 2,027 lives in six years, and has awarded 656 medals for heroic rescues from drowning. J. Wesley Jones, President, 63 Park Row, New York; Thomas Smith, Secretary; J. Wentworth White, Treasurer.

LIFE-SAVING STATIONS IN GREATER NEW YORK.

Boroughs of Manhattan and Bronx.—Charles W. Disbrow, Commander and Secretary.
Hudson River Division.—Frank A. Koch, Commander, from the Battery to Spuyten Duyvil.
Eugene A. Reilly, Vice-Commander, Whitehall Ferry to Hell Gate.
Samuel L. Loew, Vice-Commander, Harlem River Division.

Stations—North River, Battery Park, Barge Office, Governor's Island Pier, Piers 1, 2, 3, 4, 5, 6, 7, 10, 12, Franklin, Grand, Morton, Desbrosses, Forty-ninth, Fiftieth, Fifty-fifth, Sixty-first, Eighty-third, Eighty-sixth, One Hundred and Second, One Hundred and Twenty-third, One Hundred and Twenty-fourth, One Hundred and Forty-ninth, One Hundred and Fifty-first, One Hundred and Fifty-fifth Streets; Cinder Beds and Audubon Park front to Inwood.

On Harlem River.—U. S. Canal, One Hundred and Sixty-second Street, Wyanoke Club, One Hundred and Fifty-third, One Hundred and Sixty-fifth Street, Lone Star Club, One Hundred and Fortieth, One Hundred and Forty-seventh, One Hundred and Forty-ninth, One Hundred and Thirty-second Streets, **Friendship Club**, One Hundred and Twenty-fifth, East Ninety-eighth, East Ninety-second Streets.

East River.—East Eighty-seventh, East Eighty-fourth Streets, Cygnet Club, East Seventy-sixth Street, East Side House, East Sixty-fifth, East Fifty-fifth, East Fifty-first Streets, Blackwell's Island Ferry, East Forty-ninth Street, Recreation Pier, East Twenty-fourth street; Rivington Street, East Fifth Street, Recreation Pier, East Third Street; Corlears Park, Grand Street, Jefferson Market, Dover Street, Coenties Slip.

Borough of Brooklyn.—Theo. Krombach, Commander, Brooklyn Division, Coney Island to Newtown Creek.

Stations—Manhattan Beach, Coney Island, Norton's Point, Sheepshead Bay, Plum Island, Coney Island Creek, Bay Twenty-seventh Street, Ulmer Park, Gravesend Bay Yacht Club, Bensonhurst, Bath Beach, West End Hotel, River View Pier, Bay Seventeenth Street, Fifty-eighth, Fifty-sixth, Fifty-third Street, Bay Twenty-first and Twentieth Street Piers, Gowanus Bay, Erie Basin, Amity, Harrison, Baltic, and Bridge Streets, Catharine Street Ferry, Wallabout Basin, North Eighth Street, Newtown Creek Bridges.

Borough of Queens.—Jamaica Bay, Thomas Smith, Commander.

Stations.—Canarsie, Bergen Beach, Ruffle Bar, Barren Island, Rockaway Beach, Broad Channel, Old Mill Creek, Aqueduct, Breakwater, Springfield.

Long Island Sound Divisions.—Ravenswood Boat Club, Clinton Avenue, Astoria, Bowery Bay, Steinway, College Point, North Beach, Seawanhaka Boat Club, Flushing, Sandford, and Oak Points, Pelham Park.

Borough of Richmond.—Port Richmond, Elm Park, West Brighton, Quarantine, South Beach, Crede's Hotel, Atlantic, and Miller's Hotel, Midland Beach.

There are 160 stations in New York, 44 sub-stations, and 468 boats in service.

Steamboats from Manhattan Borough, N. Y. City.

TO LANDINGS ON THE HUDSON RIVER DURING SEASON OF NAVIGATION.

NOTE.—Fares and piers are liable to change.

Mi.	Landings.	Fare.	Pier—Street.
143	Albany, People's (night) Line	$1.50	Canal.
143	Albany (Day Line)	2.00	Desbrosses(*a*)
115	Athens	1.00	Christopher.
95	Barrytown	1.00	Christopher.
110	Catskill (Night Line)	1.00	Christopher.
110	Catskill (Day Line)	1.50	Desbrosses(*a*)
53	Cold Spring	.50	Franklin.
54	Cornwall (Cent'l Hud. Line)	.50	Franklin.
54	Cornwall (Mary Powell)	.75	Desbrosses(*a*)
122	Coxsackie	1.00	Christopher.
49	Cranston's (Cent'l Hud. Line)	.50	Franklin.
49	Cranston's (Mary Powell)	.75	Desbrosses(*a*)
35	Croton	.30	Canal.
82	Esopus	.75	W. 10th.
59	Fishkill, by Ferry from Newburg.		See Newburg.
59	Fishkill (Cent'l Hud. Line)	.55	Franklin.
3	Fort Lee, Ferry to Undercliff	..	W. 130th.
50	Garrisons	.90	Desbrosses(*a*)
50	Garrisons, by Ferry from West Point also.		
105	Germantown	1.00	Christopher.
39	Grassy Point	.40	W. 10th (*a*).
35	Haverstraw	.35	W. 10th (*a*).
75	Highland	.60	Franklin.
115	Hudson	1.00	Christopher.
115	Hudson (Day Line)	1.50	Desbrosses(*a*)
79	Hyde Park	.75	Christopher.
79	Hyde Park (Mary Powell)	1.00	Desbrosses(*a*)
89	Kingston	..	See Rondout.
103	Malden	1.00	Christopher.
67	Marlboro (Cent'l Hud. Line)	.60	W.10; Frank'n
71	Milton	.60	W.10; Frank'n
71	Milton (Mary Powell)	$0.75	Desbrosses(*a*)
59	Newburgh (Cent'l Hud. Line)	.50	Frank'n; W.10
59	Newburgh (Day Line)	.75	Desbrosses(*a*)
59	Newburgh (Mary Powell)	.75	Desbrosses(*a*)
64	N. Hamburg (Mary Powell)	.75	Desbrosses(*a*)
64	N. Hamb'g (Cent. Hud. Line)	.60	W.10; Frank'n
26	Nyack	.25	W. 10th (*a*).
42	Peekskill	.40	W. 10th (*a*).
42	Peekskill	.40	Canal
74	Poughkeepsie	.60	W.10; Frank'n
74	Poughkeepsie (Day Line)	1.00	Desbrosses(*a*)
74	Poughkeepsie (Mary Powell)	.75	Desbrosses(*a*)
89	Rhinebeck (Rhinecliff)	1.00	Christopher.
30	Rockland Lake	.35	W. 10th (*a*).
89	Rondout	.75	W. 10th.
89	Rondout (Mary Powell)	1.00	Desbrosses(*a*)
101	Saugerties	1.00	Christopher.
31	Sing Sing	.25	Franklin.
..	Stuyvesant, Smith's Land'g, Staatsburg	1.00	Christopher.
26	Tarrytown	.25	W. 10th (*a*).
99	Tivoli	1.00	Christopher.
149	Troy (Citizen's [night] Line)	1.50	W. 10th.
95	Ulster Landing	1.00	Christopher.
39	Verplanck	.40	W. 10th (*a*).
50	West Point (Cent. Hud. Line)	.50	Frank'n; W.10
50	West Point (Day Line)	.75	Desbrosses(*a*)
50	West Point (Mary Powell)	.75	Desbrosses(*a*)
16	Yonkers	.15	Franklin.
16	Yonkers	.15	W. 10th (*a*).
16	Yonkers (Day Line)	.25	Desbrosses(*a*)

TO LANDINGS NOT ON THE HUDSON RIVER.

Mi.	Landings.	Fare.	Pier—Street.
20	Atlantic Highlands, N. J.	$0.60	Rector.
..	Bedloe's (Liberty) Isld. Exc.	.25	Battery.
230	Boston, *via* Fall River	*3.00	Warren.
215	Boston, *via* Stonington	*3.00	Spring.
228	Boston, *via* New London	*3.00	Spring.
215	Boston, *via* Providence Line	†4.00	Murray.
..	Boston, Narrag't Bay Line	3.50	Peck Slip.
59	Bridgeport, Ct.	.50	39, E. R.‡
5	College Point, L. I.	.10	E. 99th.
..	Coney Island (in Summer)	.15	W. 22d (*e*).
22	David's Island	Pass	3, E. R.
13	Elizabethport, N. J.	.15	19, E. R.
98	Essex, Ct.§	1.50	Peck Slip.
176	Fall River, Mass.	*2.00	Warren.
..	Fishing Banks Exc.	1.00	E 31st.
..	Fishing Banks Exc.	.50	E. 21st.
8	Ft. Hamilton, Ft. Wadsworth	Pass	3, E. R.
13	Fort Schuyler	Pass	3, E. R.
28	Glen Cove, L. I.	.35	Peck Slip.‡
..	Glen Island, N. Y.† Exc.	.40	Cortlandt (*f*).
..	Governor's Island	Pass	Whitehall.
18	Great Neck, L. I.	.35	Peck Slip.‡
125	Greenport, L. I.	1.50	15, E. R.
30	Greenwich, Ct.	.35	Clinton.
150	Hartford, Ct.§	1.50	Peck Slip.
25	Highlands, N. J.	.35	Franklin.
25	Highland Beach, N. J.	.35	W. 13th.
40	Huntington, L. I.	.50	Clinton.
27	Keyport, N. J.	.30	Bloomfield.
34	Long Branch, N. J.	.50	10 E. R.
34	L. Branch, C. R. R. N. J. Boats	1.00	Rector.†
34	Long Branch, Patten Line	.35	W.13; Battery
128	Middletown, Ct.§	$1.50	Peck Slip.
35	New Brunswick, N. J.	.50	6, N. R.
76	New Haven, Ct.	1.00	Peck Slip.
76	New Haven, Starin's Line	.75	Dey.
120	New London, Ct.	¶1.00	Spring.
150	Newport, R. I.	*2.00	Murray.
46	Northport, L. I.	.75	Broome.
120	Orient, L. I.	1.50	15, E. R.
24	Perth Amboy, N. J.	.25	6, N. R.
34	Pleasure Bay, N. J.	.35	W.13; Battery
29	Portchester, N. Y.	.35	Clinton.
185	Providence, R. I.	†3.00	Murray.
185	Providence, R. I., Narragansett Bay Line	*g* 2.50	Peck Slip.
35	Red Bank, N. J. Exc.	.50	Franklin.
25	Rockaway B'ch (in Summer)	(*c*)	W. 20th (*d*).
35	Roslyn, L. I.	.35	Peck Slip.‡
21	Rossville, S. I.	.25	6, N. R.
140	Sag Harbor, L. I.	1.50	15, E. R.
92	Saybrook, Ct.§	1.50	Peck Slip.
30	Seabright, N. J.	.35	W.13; Battery
29	Sea Cliff, L. I.	.35	Peck Slip.‡
130	Shelter Island, L. I.	1.50	15, E. R.
26	South Amboy, N. J.	.30	6, N. R.
136	Southold, L. I.	1.50	15, E. R.
36	Stamford, Ct.	.35	Pike.‡
5	St. George, S. I.	.05	Whitehall.
125	Stonington, Ct.	*h* 1.50	Spring.
6	Tompkinsville, S. I.	.10	Whitehall.
24	Tottenville, S. I.	.25	6, N. R.
13	Willets Point	Pass	3, E. R.

* Winter rate; Summer rate, $1 extra. † Runs in Summer only. ‡ Lands at E. 31st St. also. § Runs until close of navigation. ¶ Winter rate; Summer rate, 50c. extra. (*a*) Lands also at W. 22d St. (*b*) Winter rate; Summer rate, $3. (*c*) Excursion, week days, 40c.; Sundays, 50c. (*d*) Lands at Christopher St. and Battery also, and Fulton St., Brooklyn. (*e*) Lands also at Pier 1, N. R. (*f*) Lands at E. 32d St. also, and at S. 5th St., Brooklyn. (*g*) Winter rates, $1.75. (*h*) Summer rates, $1.75.

Banks in Brooklyn and Queens Boroughs.

NATIONAL AND STATE BANKS.

Name.	Location.	Capital.	President.	Cashier.	Discount Days.
Bedford	Bedf'd & Halsey.	$150,000	E. G. Blackford	Howard M. Smith	Tuesday.
Broadway	12 Graham Ave.	100,000	H. Batterman	George F. Moger	Daily.
Brooklyn	Clinton & Fulton.	300,000	H. E. Hutchinson	Thomas M. Halsey	Tuesday.
Eighth Ward	3d Ave. & 39th St.	100,000	John C. Kelley	Wm. J. Brown	Tues. and Fri.
Far Rockaway	Far Rockaway	25,000	S. R. Smith	V. W. Smith	Wednesday.
Fifth Avenue	9th St. & 5th Ave.	100,000	A. P. Wells	I. Simonson	Wednesday.
First National	Kent Av. & B'wy	300,000	John G. Jenkins	W. A. Field	Wed. and Sat.
Flushing	Flushing	50,000	Joseph Dykes	W. H. D. Nimmo	Saturday.
Hamilton	79 Hamilton Ave.	100,000	Frank H. Parsons	Wm. A. Conklin	Tues. and Fri.
Jamaica	Jamaica	50,000	John H. Sutphin	William L. Wood	.....
Kings County	12 Court St.	150,000	O. M. Denton	H. B. Auten	Daily.
Manufact'ers' Nat.	84 Broadway	252,000	John Loughran	J. T. Fountain	Tues. and Fri.
Mechanics'	Court & Mon'gue.	500,000	George W. White	Chas. E. Wheeler	Tuesday.
Mechanics & Traders	F'k'n & Gr'point.	100,000	Henry J. Oldring	Geo. W. Payntar	Tues. and Fri.
Merchants'	808 Broadway	100,000	E. M. Hendrickson.	Thomas L. Jones	Wednesday.
Nassau National	Court & Remsen.	300,000	Thomas T. Barr	Edgar McDonald	.....
National City	350 Fulton St.	300,000	Charles T. Young	Henry M. Wells	Daily.
North Side	33 Grand St.	100,000	Thomas W. Kiley	Charles A. Sackett.	Tues. and Fri.
People's	B'way & Greene.	100,000	James Gascoine	H. B. Coombe	Tues. and Fri.
Queens County ‡	Long Island City.	....	Walter E. Frew	James P. Besemer	Tues. and Fri.
Schermerhorn	353 Schermerh'n.	100,000	Charles H. Roberts.	Arthur P. Smith	.....
Seventeenth Ward	883 Manhat'n Av.	100,000	E. A. Walker	W. H. Webster	Tues. and Fri.
Sprague National	4th Av. & Atlantic	200,000	N. T. Sprague	James M. Doremus.	Daily.
Twenty-sixth Ward.	2590 Atlantic Ave.	100,000	Ditmas Jewell	J. K. Alexander	Tues. and Fri.
Union	Court & Mon'gue.	100,000	S. M. Griswold	James T. Ashley	Daily.
Wallabout	418 Myrtle Ave.	100,000	Charles M. Englis	Joseph B. Pigot	Daily.
Woodhaven	Woodhaven	25,000	Wm. F. Wyckoff	John L. Wyckoff	Tues. and Fri.

Banks for Savings in Brooklyn and Queens Boroughs.

Name.	Location.	President.	No. of Depositors.	Deposits.	Rate of Int.†	Surplus.	Business Hours. [Unless otherwise stated banks close at 12 noon on Saturdays.]
Brevoort	1198 Fulton St.	Felix Campbell	4,150	$815,000	3½	$15,000	9 A. M. to 3 P. M.
Brooklyn	Clinton & Pierrepont Sts.	Bryan H. Smith	59,177	34,024,761	3½	2,888,271	10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.
Bushwick	Grand St., cor. Graham Ave.	Joseph Liebmann	5,401	1,640,938	4	54,732	10 A. M. to 3 P. M.; Monday, 4 to 7 P. M. also.
City	4th & Flatbush.	R. Rushmore	4,000	900,000	3½	26,500	9 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.
College Point	College Point	Geo. L. Gillette	1,926	529,499	4	92,610	9 A. M. to 3 P. M.; Wed. & Sat., 6 to 8 P. M. also.
Dime	Court & Remsen Sts.	B. H. Huntington	59,135	24,744,557	3½	2,069,792	9 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.
Dime of Williamsburg.	52 Broadway	John Mollenhauer	8,844	3,857,801	3½	271,022	10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.
E. Brooklyn	643 Myrtle Ave.	D. R. James	10,406	3,001,664	3½	300,734	9 A. M. to 3 P. M.
East. District	Broadway and Gates Ave.	Lewis E. Meeker	2,745	306,420	4	3,921	10 A.M. to 3 P.M.; Mon. & Sat., 6 to 8 P. M. also.
E. New York	Atlantic and Penna. Aves.	Fred. Middendorf	4,222	1,030,145	4	122,416	10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.
German	Broadway and Boerum St.	Charles Naeher	17,861	4,950,852	4	385,000	10 A. M. to 2 P. M.; Monday, 5 to 8 P. M. also.
Germania	375 Fulton St.	Chas. A. Schieren	10,400	3,903,474	3½	298,075	9 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.
Greater New York.	5th Ave., cor. 12th St.	C. J. Obermayer	1,319	95,500	4	2,500	9 A. M. to 4 P. M.; Monday, 7 to 9 P. M. also.
Greenpoint	845 Manhattan Ave.	Timothy Perry	9,800	3,152,000	3½	489,000	9 A. M. to 2 P. M.; Mon. & Thurs., 6 to 8 P. M. also.
Jamaica	Jamaica	J. H. Sutphin	4,067	1,541,570	4	195,389	9 A. M. to 4 P. M.
Kings County	Broadway and Bedford Ave.	James S. Bearns.	11,443	6,657,285	4	622,974	9 A. M. to 3 P. M.; Monday, 4 to 7 P. M. also.
L. I. City*	Long Isl'd City.	W. J. Burnett	7,500	1,143,000	..	123,000	9 A. M. to 4 P. M.
Queens Co.	Flushing	George Pople	3,206	957,308	4	75,000	Mon., 4 to 7 P. M.; Wed., 10 A. M. to 3 P. M.; Thurs., 7 to 8 P. M.; Sat., 10 A. M. to 12 noon.
S. Brooklyn	Atlantic Ave. and Clinton St.	Alex. E. Orr	30,741	15,193,000	3½	1,266,000	9 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.
Williamsb'rg	175 Broadway	J. V. Meserole	81,000	34,500,000	4	4,000,000	10 A. M. to 3 P. M.

* Report of January 1, 1899. † Subject to change. ‡ Branch of Corn Exchange Bank, New York City.

Safe Deposit Co's in Brooklyn and Queens Boroughs.

Brooklyn City, Montague and Clinton Streets.
Brooklyn Warehouse and Storage Company, 335 Schermerhorn Street.
Eagle Warehouse and Storage Company, 28 Fulton Street.
First National, Kent Avenue and Broadway.
Franklin, 166 Montague Street.
Long Island, Fulton and Clinton Streets.
Mechanics and Traders', Franklin Street and Greenpoint Avenue.
Pioneer, 41 Flatbush Avenue.

Gr.—Grammar. Int.—Intermediate. Pr.—Primary.

No.	Location.	No.	Location.	No.	Location.
1, Gr.	Adams, cor. Concord st.	51, Int.	Meeker ave., cor. Humboldt st.	89, Pr.	Newkirk ave., cor. E. 31st st.
2, Gr.	46th st., near 3d ave.	52, Pr.	Ellery, near Broadway.	90, Gr.	E. B'way, cor. Locust st.
3, Gr.	Hancock, n'r Bedford ave.	53, Pr.	Starr, near Central ave.	91,	E. New York, near Albany av. (Annex No. 90)
4, Int.	Berkeley pl., near 5th ave.	54, Int.	Walworth, n'r Myrtle ave.	92,	Rogers ave., near Robinson st. (Annex No. 90).
5, Gr.	Duffield, cor. Johnson st.	55, Int.	Floyd, n'r Tompkins ave.	93, Int.	Lawrence ave., bet. Ocean Parkway and 3d st.
6, Int.	Warren, near Smith st	56, Pr.	Bushwick ave., corner Madison st.	94, Gr	Prospect ave., near Adams pl.
7, Int.	York, near Bridge st.	57, Pr.	Reid ave., corner Van Buren st.	95, Int.	Van Siclen, near Neck rd.
8, Int.	Middagh, near Henry st.	58, Pr.	Degraw, near Smith st.	96, Int.	Ocean ave., near Neck rd.
9, Gr.	Sterling pl., cor. Vanderbilt ave.	59, Pr.	Leonard n'r Nassau ave.	97, Int.	Benson, cor. 25th ave.
10, Gr.	7th ave., near 17th st.	60, Pr.	4th ave., cor. 20th st.	98, Int.	Ave. Z. cor. E. 26th st.
11, Gr.	Washington, near Greene ave.	62, Pr.	Bradford, n'r Liberty ave.	99, Int.	Coney Isl. rd. & Elm ave.
12, Gr.	Adelphi, near Myrtle ave.	63, Pr.	Hinsdale, near Glenmore ave.	100, Gr.	W. 3d, bet. Park pl. and Sheepshead ave.
13, Gr.	Degraw, near Hicks st.	64, Pr.	Berriman, near Belmont ave.	101, Gr.	86th st., near 18th ave.
14, Int.	Navy, cor. Concord st.	65, Pr.	Richmond, near Ridgewood ave.	102, Gr.	71st st. and 2d ave.
15, Gr.	3d ave., cor. State st.	66, Pr.	Osborn, near Sutter ave.	103, Gr.	14th ave. bet. 53d & 54th sts.
16, Gr.	Wilson, n'r Bedford ave.	67, Int.	N. Elliott pl., near Park ave	104, Int.	92d st., cor. 5th ave.
17, Gr.	Driggs ave., cor. N. 5th st.	68, Pr.	Bushwick ave, cor. Kosciusko st.	105, Pr.	Ft. Hamilton av., bet. 58th and 59th sts (Br. No. 103)
18, Gr.	Maujer, near Ewen st.	69, Pr.	Union ave., n'r Stagg st.	106, Gr.	Hamburg & Putnam avs.
19, Gr.	S. 2d, cor. Keap st.	70, Int.	Patchen ave., cor. Macon st.	107, Int.	8th ave and 13th st.
20, Int.	Union ave., near N. 2d st.	71, Int.	Heyward, near Lee ave.	108, Gr.	Linwood, cor. Arlington ave.
21, Pr.	McKibbin, near Ewen st.	72, Gr.	New Lots rd., corner Schenck st.	109, Int.	Dumont ave., bet. Powell and Sackman sts.
22, Int.	Java, n'r Manhattan ave.	73, Gr.	McDougall, cor. Rockaway ave.	110, Pr.	Monitor st. & Driggs ave.
23, Gr.	Conselyea, near Humboldt st	74, Gr.	Bushwick ave., corner Kosciusko st.	111, Pr.	Sterling pl., cor. Vanderbilt ave.
24, Int.	Arion Pl., cor. Beaver st.	75, Int.	Evergreen ave., corner Ralph st.	112, Int.	67th st. and 18th ave.
25, Gr.	Lafayette, n'r Sumner av.	76, Int.	Wyona, near Fulton st.	113, Int.	Evergreen ave. and Moffat st.
26, Gr.	Gates, near Ralph ave.	77, Gr.	2d s., near 6th ave.	114, Int.	Remsen, cor. Ave. F.
27, Gr.	Nelson, cor. Hicks st.	78, Gr.	Pacific ave., n'r Court st.	115, Pr.	Ave. M, near E. 94th st. (Branch of No. 114).
28, Int.	Herkimer, n'r Ralph ave.	79, Pr.	Kosciusko, near Sumner ave.	116,	Knickerbocker ave. and Grove st.
29, Pr.	Columbia, cor. Amity st.	80, Pr.	New York ave. and Herkimer st.	117, Pr.	Stagg st. & Bushwick av.
30, Gr.	Wolcott, n'r Van Brunt st.	82, Int.	4th ave., cor. 36th st.	118, Int.	59th st. and 4th ave.
31, Gr.	Dupont, near Manhattan ave.	83, Int.	Bergen, corner Schenectady ave.	119,	Flatlands.
32, Gr.	Hoyt, cor. President st.	84, Int.	Glenmore, cor. Stone ave.	120,	Barren Island.
33, Gr.	Heyward, near B'way.	85, Int.	Evergreen ave., corner Covert st.	121, Pr.	Flatlands.
34, Gr.	Norman ave., near Eckford st.	86, Int.	Irving ave., cor. Harman st.	122,	Harrison ave. and Heyward st.
35, Gr.	Decatur, cor. Lewis ave.	87, Pr.	Herkimer, cor. Radde pl.	123,	Irving ave. & Suydam st.
36, Gr.	Stagg, n'r Bushwick ave.	88, Pr.	Vandervoort ave., cor. Thames st.	124,	4th ave. and 13th st.
37, Gr.	S. 4th, near Berry st.			125,	Blake and Thatford aves.
38, Pr.	N. 7th, near Berry st.			126,	Meserole ave. & Guernsey st.
39, Int.	6th ave., cor. 8th st.			Truant School.	Jamaica ave., opp. Enfield st.
40, Gr.	15th st., near 4th ave.				
41, Gr.	Dean, cor. New York ave.				
42, Int.	St. Mark's, n'r Classon ave				
43, Gr.	Boerum, near Ewen st.				
44, Gr.	Throop, cor. Putnam ave.				
45, Gr.	Lafayette, n'r Classon ave.				
46, Pr.	Union, near Henry st.				
47, Pr.	Schermerhorn, n'r 3d ave.				
48, Pr.	N. 1st, near Bedford ave.				
49, Pr.	Maujer, n'r Graham ave.				
50, Pr.	S. 4th, n'r Havemeyer st.				

EVENING SCHOOLS.

1.....	Adams, cor. Concord st.	33.. ...	Heyward, near B'way.	100.....	W. 3d st., bet. Park pl. and Sheepshead ave.
2.....	46th st., near 3d ave.	40.....	15th st., near 4th ave.		
13.....	Degraw, near Hicks st.	45.....	Lafayette, near Classon ave.	High School, W. D.	Schermerhorn st., near 3d ave.
15.....	3d ave., cor. State st.	84.....	Glenmore, cor. Stone ave.		
17.....	Driggs ave., cor. N. 5th st.	85.....	Evergreen ave. and Covert st.	High School, E. D.	S. 2d, cor. Keap st.
18.....	Maujer, near Ewen st.				
22.....	Java, n'r Manhattan ave.				
24.. ...	Wall, cor. Beaver st.				

INDUSTRIAL AND ASYLUM SCHOOLS.

Name.	Location.
Orphan Asylum Society of the City of Brooklyn.....	1423-1435 Atlantic avenue.
R. C. Orphan Asylum Society (Boys).....	Albany and St. Mark's avenues.
R. C. Orphan Asylum Society (Girls).....	Willoughby, corner Sumner avenue.
Church Charity Foundation of Long Island	Albany avenue and Herkimer street.
Brooklyn Howard Colored Orphan Asylum.....	Dean street, corner Troy avenue.
Industrial School Association (Brooklyn, E. D.)....	141-153 South 3d street.
Brooklyn Industrial School Association and Home for Destitute Children...	Sterling place, near Flatbush avenue.
German Orphan Home.....	Graham avenue, corner Montrose avenue.
Convent of Sisters of Mercy.....	273 Willoughby avenue.
Sheltering Arms Nursery.....	157 Dean street.

HIGH SCHOOLS.

Girls' High School.....	Nostrand avenue, corner Halsey street.
Boys' High School	Putnam, corner Marcy avenue.
Training School.....	Ryerson street, near Myrtle avenue.
Manual Training High School.....	Court street, corner Livingston street.
Erasmus Hall High School.....	Flatbush avenue, near East Broadway.

Post-Office—Brooklyn Borough, New York.

FRANCIS H. WILSON, Postmaster; WILLIAM J. TAYLOR, Assistant-Postmaster: JOHN SCHENCK, Secretary.

OFFICES AND OFFICE HOURS.

ENTRANCE FLOOR.

Postmaster.—Room 2. Office hours, 9 A. M. to 5 P. M.
Assistant-Postmaster.—Room 3. Office hours 9 A. M. to 5 P. M
Cashier.—Room 4. Office hours, 9 A. M. to 5 P M.
Superintendent City Delivery.—Room 11. Office hours. 9 A. M. to 5 P. M.
Superintendent of Mails.—Room 12. Office hours, 9 A. M. to 5 P. M.
Inquiry Department.—Room 8. Office hours, 8 A. M to 6 P. M.
Money-Order Department.—Rooms 6 and 7. Office hours, 9 A. M. to 5 P. M.
Registry Department.—Room 9. Office hours, 8 A. M. to 8 P. M.
Poste Restante.—Window in Johnson Street Corridor.
Postage Stamps, etc., in amounts over $2.—Wholesale Window, Johnson Street Corridor.
Mail in Quantities.—Received at Window of Superintendent of Mails in Washington Street Corridor.
Drops.—In Washington Street Corridor.
Lock Boxes.—Johnson Street Corridor.
On general holidays all mails are closed at 10 A. M., and the first carrier delivery only is made.

BRANCH POST-OFFICES.

A, 14 and 16 Graham Avenue.
B, 1266-68 Fulton Street.
C, 1191 Third Avenue.
D, 1923 Fulton Street.
E, 2648 Atlantic Avenue.
F, 830 Flatbush Avenue.
G, 328 Manhattan Avenue.
H, Bath Avenue, near 19th Street (Bath Beach .
K, 13th Avenue and 55th Street (Blythebourne).
L, Rockaway Avenue, between Avenues F and G (Canarsie).
M, Arcade Place, near Surf Avenue (Coney Island).
N, Fourth Avenue and 99th Street (Fort Hamilton).
O, Voorhies Avenue, between 22d and 23d Streets (Sheepshead Bay).
S, Broadway and Greene Avenue.
V, Fifth Avenue and 9th Street.
W, Broadway and South 8th Street.

[All branch stations are opened on week days from 7 A. M. to 9 P. M.; for money-order business from 8 A. M. to 6 P. M.; for the registry of letters from 8 A. M. to 7 P. M. On Sundays stations are open from 10 to 11 A. M., and on holidays from 7 to 10 A. M. No money-order or registry business is transacted on Sundays or holidays.]

Hospitals, Dispensaries, Etc., in Brooklyn Borough.

Bedford Dispensary, 327 Ralph Ave. W. M. Clowminzer, Sec.
Brooklyn Diet Dispensary, 21 De Kalb Ave. Mrs. T. D. Hunting, Rec. Sec. Branches, 28 Sackett St., 231 Lorimer St., 298 Howard Ave., and 883 Myrtle Ave.
Brooklyn Homœopathic Dispensary (E. D.), 194 S. 3d St. Geo. V. Tompkins, Sec.
Brooklyn Homœopathic Hospital and Dispensary, 109 Cumberland St. Geo. H. Iler, Chief of Staff.
Brooklyn Hospital, Raymond St., near De Kalb Ave. C. V. Dudley, Supt.
Brooklyn Maternity, 48 Concord St. Mrs. Sidney Starbuck, Sec.
Brooklyn Throat Hospital, Bedford Ave., cor. S. 3d St. J. D. Bell, Pres.
Bushwick Hospital, 1038 Greene Ave. J. L. Macomber, Supt.
Bushwick and East Brooklyn Dispensary, 1099 Myrtle Ave. John W. James, Pres.
Central Dispensary, 293d Ave. Wm. J. Gelston, Sec.
Central Homœopathic Dispensary, 298 Howard Ave. Mrs. H. M. Johnson, Sec.
Central Throat Hospital and Polyclinic Disp'y, B'way and Howard Ave. E. W. Wright, Sec.
City Dispensary, 11 Tillary St. H. W. Beebe, Sec.
Columbian Dispensary, 140 Clermont Ave. Geo. R. Kuhn, M. D., Pres.
Dispensary (Church Charity Foundation), Atlantic Ave., cor. Waverly Ave.
Dispensary of the Memorial Hospital for Women and Children, 811 Bedford Av. Lottie A. Cort, Pres.
E. D. Hospital and Dispensary, 108 S. 3d St. Geo. V. Tompkins, Sec.
Eclectic Dispensary, 142 Prince St. J. Wilshear, Sec.
Eye and Ear Hospital, 94 Livingston St. F. H. Colton, M. D., Sec.
Faith Home for Incurables, Park Pl., cor. Classon Ave. S. B. Childs, M. D., Sec.
Gates Ave. Homœopathic Dispensary, 13 Gates Av.
German, St. Nicholas Ave. and Stanhope St.
Homœopathic Hospital, 109 Cumberland St. Walter Brewster, Sec.
Home for Consumptives, Kingston Ave., cor. Butler St. Mrs. H. T. Richardson, Rec. Sec.
Kings Co. Hospital, Clarkson St. J. T. Duryea, Supt.
Kingston Ave. Hospital, Kingston Ave. and Fennimore St. A. S. Ambler, Supt.
Long Island Throat and Lung Hospital, 55 Willoughby St. D. M. Woolley, Sec.
Long Island College Disp'y, Pacific St., near Henry
Long Island College Hospital, Henry St., near Pacific St. Geo. C. Blanke, Sec.
Lutherisches Hospital, East New York Ave., cor. Powell St.
Memorial Hospital for Women and Children, Classon Ave., cor. St. Mark's. Mrs. A. H. Tifft, Sec.
Methodist Episcopal Hospital, 7th Ave., cor. 6th St. John S. Breckinridge, Supt.
Norwegian Lutheran Deaconesses' Home and Hospital, 26th St., cor. 4th Ave. A. Gundersen, Sec.
Orthopædic Dispensary, Brooklyn Hospital, Raymond St., near De Kalb. B. B. Mosher, Surgeon.
People's Dispensary, 55 Willoughby St. T. J. Kenna, Pres.
Plattdeutscher Volksfest Verein. J. Lilenthal, Rec. Sec.
R. C. Charitable Hospital, Bushwick Ave., near Maujer St. Sisters of St. Dominick.
Southern Dispensary, 547½ Court St. Chas. E. Moore, Sec.
Skene's (Alex. J. C.) Sanitarium, 759 President St.
St. Catherine's Hospital (R. C.), Bushwick Ave., near Maujer St.
St. Christopher's Hospital for Babies, 283 Hicks St.
St. Giles' Home (for Cripples), 419 Clinton St.
St. John's Hospital (Church Charity Foundation), Atlantic Ave., cor. Albany Ave. Rev. A. C. Burn, M. D., Supt.
St. Lazarus' Dispensary, 1423 Dean St.
St. Martha's Sanitarium and Dispensary, Dean St., cor. Kingston Ave. Mrs. J. M. Church, Sec.
St. Mary's General Hospital, Rochester, Buffalo, and St. Mark's Aves. Sisters of Charity.
St. Mary's Maternity and Female Hospital, 155 Dean St. Sisters of Charity.
St. Peter's Hospital, Henry St., cor. Congress St. Sisters of the Poor of St. Francis.
U. S. Naval Hospital, Flushing Ave., opp. Ryerson St. G. W. Wood, Med. Dir.
Wells' Sanitarium for Nervous and Mental Diseases, 945 St. Mark's Av. T. L. Wells, M. D., Supt.

Churches in Brooklyn Borough.

WITH NAMES OF PASTORS.

BAPTIST.

Baptist Temple (First in Pierrepont St.), 3d Ave., cor. Schermerhorn St. Cortland Myers.
Berean, Bergen St., near Rochester Ave. L. Joseph Brown.
Bedford Ave., 906 Bedford Ave.
Bedford Heights, Bergen St., cor. Rogers Ave. William Tinker.
Bethany (colored), Vanderbilt Ave., near Atlantic Ave. R. I. Gaines.
Bushwick, Bushwick Ave., cor. Weirfield St. T. J. Whitaker.
Calvary, Sumner Ave., cor. Decatur St. William Needham.
Calvary Branch, Ralph Ave., near Bergen St.
Central, Adelphi, near Myrtle. Albert B. Sears.
Central, Marcy Ave., cor. S. 5th St. Frederick E. Taylor.
Concord (colored), Duffield St., near Myrtle Ave. Wm. T. Dixon.
East End, Van Sicklen Ave., near Glenmore Ave.
Emanuel, Lafayette Ave., cor. St. James' Pl. John Humpstone.
Emanuel Chapel, 131 Steuben St. Wm. J. Sholar.
First Flatbush, Nostrand Ave., cor. Lenox Road. Henry J. Guller.
First, in East New York, Hendrix St., near Fulton. R. H. Baker.
First, E. D., Lee Ave., cor. Keap. M. F. Negus.
First German, E. D., Montrose, near Union Ave. C. L. Marquardt.
First German, South Brooklyn, Prospect Ave., near 6th Ave.
First Swedish, Dean St., near 6th Ave. O. F. Engstroud.
Greene Ave., Greene Ave., near Lewis Ave. C. Woelfkin.
Greenpoint, Noble, near Manhattan. John Finch.
Greenwood, 4th Ave., cor. 15th. Robert B. Hull.
Greenwood, Chinese Branch, 183 12th St. M. Hamilton.
Greenwood, German Branch, 161 15th St. Gustave Apel.
Hanson Place, Hanson Pl., cor. S. Portland Ave. A. C. Dixon.
Hope, Union Ave., cor. Ten Eyck. J. G. Ditmars.
Lefferts Park, Ovington and 15th Aves. J. B. McQuillin.
Marcy Ave., Marcy Ave., cor. Putnam Ave. W. C. P. Rhoades.
Memorial, 510 8th Ave. Dr. McBride.
Messiah (colored), Dean St., near Troy Ave.
Ocean Hill, Rockaway Ave., cor. Somers St. Chas. S. Daniels.
Pilgrim, Patchen Ave., cor. McDonough St. D. C. Hughes.
Second, Ainslie, near Graham Ave. W. R. Maul.
Second German, 261 Wallabout St. H. Trumpp.
Sixth Ave., 6th Ave., cor. Lincoln Pl. Chas. F. Williams.
Strong Pl., Strong Pl., cor. Degraw St. Frank P. Stoddard.
Tabernacle, Clinton, cor. 3d Pl. Erwin Dennett.
Trinity, Greene, cor. Patchen Ave. Harry Pethie.
Union Ave., Manhattan Ave., near Norman Ave. A. B. MacLaurin.
Washington Ave., Washington Ave., cor. Gates Ave. Robert MacDonald.
West End, 47th St., near 3d Ave. M. B. Russell.
Windsor Terrace Mission, Greenwood Ave., cor. E. 7th St. W. H. Sexton.
Wyckoff Ave., Wyckoff Ave., near Cooper Ave. E. Loucks.

CONGREGATIONAL.

Atlantic Ave. Mission, Atlantic, cor. Grand Ave. W. A. Kirkwood.
Beecher Memorial, Herkimer St., near Rockaway Ave. D. B. Pratt.
Bethel, of Plymouth Church, 15 Hicks St. C. A. French.
Bethesda, Ralph Ave., cor. Chauncey St. Charles Herald.

CONGREGATIONAL—Continued.

Brighton Chapel, Neptune Ave., nr. W. 5th St.
Bushwick Ave., Bushwick Ave., cor. Cornelia St. Chas. W. King.
Central, Hancock St., near Franklin Ave. A. J. F. Behrends.
Clinton Ave., Clinton Ave., cor. Lafayette Ave. T. B. McLeod.
Immanuel Church, Decatur St. E. P. Ingersoll.
Lee Ave., Lee Ave., cor. Hooper St. S. H. Cox.
Lewis Ave., Lewis, cor. Madison. R. J. Kent.
Mayflower Mission, Jay St., cor. High St. W. B. Allis.
Nazarene (colored), Adelphi St., near Fulton St. A. J. Henry.
New England, S. 9th St., near Driggs Ave.
Park, 6th Ave., cor. 7th St. B. M. Taylor.
Parkville. M. P. Welcher.
Pennsylvania Ave., Pennsylvania n. Liberty Ave.
Pilgrim (Swedish), 413 Atlantic. K. F. Ohlson.
Pilgrim Chapel, Henry St., cor. Degraw St. E. H. Byington.
Pilgrims, Henry, cor. Remsen.
Plymouth, Orange, near Hicks. Newell D. Hillis and Horace Porter.
Puritan, Lafayette Ave., cor. Marcy Ave. J. C. Wilson.
Rockaway Ave., Rockaway Ave., near Blake St.
South, President, cor. Court. Albert J. Lyman.
St. James' Mission, 97 Gwinnett St.
Tompkins Ave., Tompkins Ave., cor. McDonough St. R. R. Meredith.
Tompkins Ave. Ch. Branch, Marcy Ave., cor. Park Ave. R. Meredith.
Willoughby Ave. Chapel, Willoughby Ave., cor. Grand Ave. Samuel W. King.

JEWISH SYNAGOGUES.

Ahawath Achim, Johnson Ave., near Ewen St.
Ahawath Chesed, cor. Lorimer and Stagg Sts. M. B. Newmark.
Baith Israel, Boerum Pl., cor. State St. M. Rosenstein.
Beth Jacob, Keap St., near S. 5th St. M. Edelman.
Bikur Cholim, Wyona, near Fulton St.
Bnai Sholom, 9th St., near 5th Ave. A. Ettinger.
Chebrah Bnei Schlme, 148 Varet St. J. Newman.
Cong. Beth Elohim, State St., near Hoyt St. G. Taubenhaus.
Cong. Ohabai Sholom, Thatford St., near Belmont Ave. Harris Max.
Cook St. Synagogue, 44 Cook St. Ad. Spiegel.
Scholes St. Synagogue, Scholes St., near Ewen St. Kalman Solomon.
Synagogue of Russian Jews, Seigel St.
Temple Beth El, of Greenpoint, 110 Noble St. Isidor Rachert.
Temple Beth Elohim, Keap St., near Division Ave. L. Wintner.
Temple Israel, Bedford Ave., cor. Lafayette Ave. L. M. Nelson.

LUTHERAN.

Bethlehem (German), Marion St., near Reid Ave. E. H. W. Kandelhart.
Bethlehem (Swedish), 3d Ave. and Pacific. F. Jacobson.
Bethlehem (Norwegian), Russell St., near Nassau Ave. E. C. Tollefson.
Calvary, Rochester Ave., near Herkimer St. H. E. Clare.
Christ, 1084 Lafayette Ave. H. S. Knabenschuh.
First Scandinavian, Manhattan Ave., near Milton St. K. Guamme.
German Evangelical, Schermerhorn St., near Court St. Jacob W. Loch.
Holy Trinity, Cumberland St., near Lafayette Ave. A. Steimle.
Immanuel, 7th St., near 5th Ave. E. Roth.
Immanuel, Driggs Ave., cor. S. 5th. F. T. Koerner.

CHURCHES IN BROOKLYN BOROUGH—*Continued.*

LUTHERAN—Continued.

Immanuel (Swedish) Leonard St., near Driggs Ave. G. Nelsenius.
Messiah, Humboldt St., cor. Norman Ave. S. G. Trexler.
Norwegian, William, near Van Brunt. Jacob Bo.
Our Saviour (Danish), 9th St., near 3d Ave. R. Andersen.
Our Saviour (Norwegian), Henry St., near 4th Pl. C. S. Everson.
Redeemer, Bedford Ave., cor. Hewes St. S. G. Weiskotten.
Reformation, Schenck Ave., near Atlantic Ave H. P. Miller.
Salem (Danish), 128 Prospect Ave. L. H. Kjær.
St. James 46th St., near 4th Ave. H. C. A. Meyer.
St. John s Maujer St., near Graham Ave. J. P. Beyer.
St. John s 84th St. and 16th Ave. Louis Happ.
St. John s, New Jersey Ave. near Liberty Ave. J. F Holstein.
St. John's, Prospect Ave., near 5th Ave Fred. H. Bosch.
St. John s, E. D., Milton St., near Manhattan Ave. F. W. Oswald.
St. Luke s, Washington Ave., near De Kalb Ave. W. Ludwig.
St. Mark s Bushwick Ave., cor Jefferson St. August Emil Frey.
St. Matthew s (German) E. 92d St., near Flatlands Ave. A. Wuerstlin.
St. Matthew s (German), N. 5th St., near Driggs Ave. Gustave Sommer.
St. Matthew's, 6th Ave., cor. 2d St. Albert H. Studebaker.
St. Paul s, Knickerbocker Ave., cor. Palmetto St. Th. Gross.
St. Paul's, Henry St., near 3d Pl. John Huppenbauer.
St. Paul's, Wyona, near Glenmore. J. F. Flath.
St. Paul's, E. D., S. 5th St., cor. Rodney St. H. W. Hoffmann.
St. Paul's (Swedish), 392 McDonough St. J. S. Brodeen.
St. Peter's, Bedford Ave., near De Kalb Ave. John J. Heischmann.
St. Peter's, E. D., Rodney St., near S. 2d St. F. Dietz.
St. Stephen's, Newkirk Ave., cor. E. 28th St. L. D. Gable.
Trinity, Harrison St., cor. Tompkins Pl. J. Holthusen.
Trinity (Norwegian), 27th St., near 5th Ave. M. H. Hegge.
Wartburg Chapel, Georgia Ave. and Fulton St. C. H. Loeber.
Zion, Henry St., near Clark St. E. C. J. Kraeling.
Zion, Locust St., near Grant St. Paul F. Jubelt.

METHODIST EPISCOPAL.

Andrew's, Richmond St., near Etna St. F. G. Howell.
Bath Beach, Benson Ave., cor. Bay 14th St.
Bethany, Troy, cor. Herkimer. C. A. Cederberg.
Buffalo Ave., Buffalo Ave., cor. Bergen St. W. M. Stonehill.
Bushwick Ave., Bushwick Ave., cor. Madison St. W. A. Layton.
Carroll Park (Norwegian), Carroll St., near Hoyt St. S. E. Simonsen.
Central, S. 5th St., near Driggs. Geo. Adams.
Cropsey Ave., Cropsey, near 17th. J. H. Slater.
De Kalb Ave., De Kalb Ave., near Franklin Ave. J. B. Hamilton.
Eighteenth St., 18th, near 5th Ave. F. A. Scofield.
Emanuel (Swedish), Dean St., near 5th Ave. H. W. Ecklund.
Embury, Decatur St., cor. Lewis Ave. G. E. Strobridge.
Epworth, Bushwick, cor. De Kalb. W. E. Schoonhoven.
Fennimore St., Fennimore St., cor. Rogers Ave. J. H. Bell.
First, Greenpoint, Manhattan Ave., near Java St W. H. Lawrence.

METHODIST EPISCOPAL—Continued.

First Pl., First Pl., cor. Henry St. F. B. Stockdale.
Fleet St., Fleet, cor. Lafayette. J B. Stockdale.
Fourth Ave., 4th Ave., cor. 47th. R. W. Jones.
Grace, 7th Ave., cor. St. John's Pl. C. S. Wing.
Grace, Bay Ridge. W. L. Davison.
Greenpoint Tabernacle, Manhattan Ave., opp. Noble St. D. A. Jordan.
Goodsell, Sheridan Ave., cor. Adams.
Hanson Pl., Hanson Pl., cor. St. Felix St. C. L. Goodell.
Janes, Reid Ave., cor. Monroe St. O. F. Bartholow.
Kensington. J. F. Duinkerke.
Knickerbocker Ave., Knickerbocker Ave., cor. Ralph St.
Lenox Road, Lenox Rd., near Flatbush Ave. J. H. Hand.
New York Ave., New York Ave., cor. Herkimer St. A. S. Kavanagh.
North Fifth St., N. 5th St., near Bedford Ave. E. H. Dutcher.
Norwegian, 58th St., near 12th Ave.
Nostrand Ave., Nostrand Ave., cor. Quincy St. J. H. Willey.
Pettit Memorial, Park Ave., near Bedford Ave.
Union, Powers St., near Lorimer. C. P. Corner.
Ridley Memorial, Lawrence Ave., near Ocean Parkway. Lemuel Richardson.
Russell Pl., Russell Pl., cor. Herkimer St. C. S. Williams.
Sands St., Henry St., cor. Clark. A. MacRossie.
Sheepshead Bay, Voorhees Ave., cor. Ocean Ave. T. Stephenson
Simpson, Clermont Ave., cor. Willoughby Ave. T. S. Henderson.
Sixth Ave., 8th St., near 6th Ave. S. O. Curtice.
South Second St., S. 2d, near Driggs. R. S. Pardington.
South Third St., S. 3d, cor. Union. W. Hamilton.
St. John's, Bedford, cor. Wilson. D. G. Downey.
St. Jude's, 56th St., near 11th. H. H. Du Bois.
St. Paul's, Richards St., near Sullivan St. Frederick Stiehler.
Summerfield, Washington Ave., cor. Greene Ave. J. R. Thompson.
Sumner Ave., Sumner Ave., cor. Van Buren St. H. H. Beattys.
Tompkins Ave., Tompkins Ave., cor. Willoughby. W. W. T. Duncan.
Warren St., Warren St., near Smith. A. W. Byrt.
Wesley, Glenmore Ave., cor. Atkins Ave. G. Loos.
Williams Ave., Williams Ave., near Atlantic Ave. L. R. Streeter.
Windsor Terrace, Greenwood Ave., cor. Prospect. S. H. Smith.
York St., York St., near Gold St. W. M. Hughes.

METHODIST EPISCOPAL.

(GERMAN.)

First German, Marcy Ave., cor. Penn St. L. Wallon.
Greene Ave., 1171 Greene Ave. Wm. Giesregen.
Ridgewood Heights, cor. Woodward Ave. and Grove St. A. Waible.
St. John's, Sumner Pl., near Flushing Ave. John Lange.
Vanderveer Park, cor. 38th St. and Ave. D. William Hesskamp.
Wyckoff St., Wyckoff St., near Smith. George Albert Simons.

METHODIST PRIMITIVE.

First, Park Ave., near Canton. Richard Cookson.
Orchard, Oakland St., near Nassau Ave. John J. Arnaud.
Welcome, Classon Ave., near Myrtle Ave. Joseph W. Norris.

METHODIST PROTESTANT.

Grace, E. 92d St., cor. Church Lane.
Trinity, S. 4th St., cor. Roebling St.

CHURCHES IN BROOKLYN BOROUGH—*Continued.*

AFRICAN METHODIST EPISCOPAL.

Union Bethel, Schenectady Ave., cor. Dean St. W. S. Kane.
Union Zion, S. 3d St., cor. Hooper. J. H. Mason.
Wesleyan, Bridge, near Myrtle Ave. J. M. Henderson.
Zion, Fleet St., near Myrtle Ave. W. H. Coffey.
Zion, Gravesend Beach. J. M. Butler.

PRESBYTERIAN.

Ainslie St., Ainslie, near Ewen. R. S. Dawson
Arlington Ave., Arlington Ave., cor. Elton St. W. H. Wilson.
Bay Ridge, 82d St., cor. 2d Ave. W. R. Ferris.
Bedford, Dean St., cor. Nostrand Ave. Wm. J. Hutchins.
Bethany, McDonough St., near Howard Ave. John A. Billingsly.
Bethlehem Mission, 575 Atlantic Ave. D. M. Heydrick.
Calvary, Liberty Ave., near Crescent St. C. T. Berry.
Central, Marcy Ave., cor. Jefferson Ave. J. F. Carson.
City Park Chapel, Concord St., near Hudson Ave. G. S. White.
Classon Ave., Classon Ave., cor. Monroe St. Joseph D. Burrell.
Cumberland St., Cumberland St., near Myrtle Ave. H. S. Murdock.
Cuyler Chapel, 358 Pacific St. R. E. Locke.
Duryea, Clermont Ave., near Atlantic Ave. John E. Fray.
Ebenezer, Stockholm St., near St. Nicholas Ave. Chas. C. Jaeger.
Emanuel Chapel, Hamburg Ave., cor. Putnam Ave.
Fifth German, Halsey St., near Central Ave. Chas. H. Schwarzbach.
First, Henry St., near Clark St. L. M. Clark.
First German, Leonard St., cor. Stagg St. J. G. Hehr.
Franklin Ave., 163 Franklin Ave. Chas. Edwards.
Friedens, Willoughby Ave., near Broadway. Louis Wolferz.
Grace, Stuyvesant Ave., cor. Jefferson Ave.
Greene Ave., Greene Ave., near Reid Ave. Dan'l H. Overton.
Hopkins St. (German), Hopkins St., near Throop Ave. Arnold W. Fismer.
Lafayette Ave., Lafayette Ave., cor. S. Oxford St. David Gregg.
Memorial, 7th Ave., cor. St. John's Pl.
Mount Olivet, Evergreen Ave., cor. Troutman St. F. T. Steele.
Noble St., Noble St., cor. Lorimer St. Thomas W. Campbell.
Olivet Chapel, Bergen St., near 6th Ave. J. G. Snyder.
Prospect Heights, 8th Ave., cor. 10th St. H. H. Fischer.
Ross St. (E. D.), Ross St., near Bedford Ave. J. Erskine Adams.
Second, Clinton St., cor. Remsen St. Alexander McGaffin.
Siloam, Prince St., near Myrtle Ave. W. A. Alexander.
South Third St., S. 3d St., cor. Driggs Ave. John D. Wells and N. W. Wells.
Throop Ave., Throop Ave., cor. Willoughby Ave. L. R. Foote.
Westminster, Clinton St., cor. 1st Pl. Frederick Campbell.

REFORMED PRESBYTERIAN.

First, Prospect Pl., near 5th Ave.

SWEDISH PRESBYTERIAN.

Swedish, 301 Pacific St.

UNITED PRESBYTERIAN.

First, S. 1st St., cor. Rodney St. J. S. Hervey.
Second, Atlantic Ave., cor. Bond St. D. J. Patterson.
Westminster, Bainbridge St. and Hopkinson Ave. A. H. Crosbie.

PROTESTANT EPISCOPAL.

A. N. Littlejohn, Bishop.

Advent, Bensonhurst. H. B. Gorgas.
All Saints', 7th Ave., cor. 7th St. W. A. Morrison.
Ascension, Kent St., near Manhattan. J. A. Denniston.
Atonement, 17th St., n'r 5th Ave. E. H. Wellman.
Calvary, S. 9th St., cor. Marcy Ave. C. L. Twing.
Christ (E. D.), Bedford Ave., opposite Morton. Jas. H. Darlington.
Christ, Clinton, cor. Harrison. A. B. Kinsolving.
Christ, 3d Ave., cor. 68th St. Bishop Falkner.
Christ Chapel, Wolcott St., near Van Brunt St.
Church Foundation Chapel, Atlantic, near Albany Ave. A. C. Bunn.
Church of Our Saviour, Clinton St., cor. Luquer St.
Good Shepherd, McDonough St., near Stuyvesant Ave. Robert Rogers.
Grace (E. D.), Conselyea St., near Lorimer St. W. G. Ivie.
Grace, Hicks St., near Remsen. Frederick Burgess.
Holy Comforter Chapel, 44 Debevoise St. S. R. Bailey.
Holy Spirit, Bath Beach. J. C. Wellwood.
Holy Trinity, Clinton St., cor. Montague St. S. D. McConnell.
Incarnation, Gates Ave., near Classon Ave. John G. Bacchus.
Messiah, Greene Ave., cor. Clermont. St. Clair Hester.
Redeemer, Church of the, Pacific St., cor. 4th Ave. G. C. Carter.
St. Andrew's, 47th St., near 3d Ave. W. N. Ackley.
St. Ann's, Clinton St., cor. Livingston St. Reese F. Alsop.
St. Augustine's, Canton St., near Park Ave. G. F. Miller.
St. Barnabas', Bushwick Ave., near Kossuth Pl. W. H. Brown.
St. Bartholomew's, Pacific St., cor. Bedford Ave. T. B. Oliver.
St. Chrysostom's, Tompkins Ave., cor. McDonough St. Dean Babbitt.
St. Clement's, Pennsylvania Ave., cor. Liberty C. A. Hamilton.
St. George's, Marcy Ave., cor. Gates. W. A. Wasson.
St. James', St. James' Pl., cor. Lafayette Ave. Chas. W. Homer.
St. John's, St. John's Pl., cor. 7th Ave. Geo. F. Breed.
St. John's, 99th St., cor. Fort Hamilton Ave. Samuel Moran.
St. John's, Parkville. R. B. Snowden.
St. John's Mission, Atlantic Ave., cor. Albany. A. C. Bunn.
St. Jude's, 55th St., near 13th Ave. R. B. Snowden.
St. Luke's, Clinton Ave., near Fulton St. H. C. Swentzel.
St. Mark's, Adelphi St., near De Kalb Ave. S. S. Roche.
St. Mark's, Bedford Ave., cor. S. 5th St. S. M. Haskins.
St. Martin's, President St., cor. Smith St. F. W. Davis.
Ste. Margaret's, Van Brunt St., near President St.
Ste. Mary's, Classon Ave., near Willoughby Ave. J. C. Jones.
St. Matthew's, Throop Ave., cor. Pulaski St. A. A. Morrison.
St. Michael's, High St., near Gold. A. Vance.
St. Michael's, N. 5th St., near Bedford Ave. F. E. West.
St. Paul's, Clinton St., cor. Carroll St. H. M. Dumbell.
St. Paul's, Church Lane, cor. St. Paul's Pl. T. G. Jackson.
St. Peter's, State St., near Bond. Lindsay Parker.
St. Stephen's, Patchen Ave., cor. Jefferson Ave. H. T. Scudder.
St. Thomas', Cooper St., cor. Bushwick Ave. J. T. Russell.

CHURCHES IN BROOKLYN BOROUGH—*Continued.*

PROTESTANT EPISCOPAL—Continued.

St. Timothy's, Howard Ave., near Atlantic Ave. W. I. Stecher.
Trinity, 26th Ward, Arlington Ave., near Schenck Ave. N. K. Boss.

REFORMED EPISCOPAL.

Grace, Fulton St., near Howard Ave. Euclid Phillips.
Holy Spirit, Nicholas Ave., near Etna. Wm. P. Mackey.
Reconciliation, Jefferson Ave., cor. Nostrand Ave. Henry J. Wood.
Redemption, Leonard St., near Norman Ave. Wm. M. McGrath.

REFORMED.

Bay Ridge, 2d Ave. and 80th St. C. J. Scudder.
Bedford, Jefferson Ave., cor. Ormond Pl. W. D. Perry.
Bedford Ave. First Reformed, Bedford Ave., cor. Clymer St. Howard W. Ennis.
Bethany Chapel, Hudson Ave., near Myrtle Ave. George N. Makely.
Bushwick, Bushwick Ave., near N. 2d St. W. H. Jackson.
Canarsie, Canars J. Ficken.
East New York, New Jersey Ave., near Fulton St. J. M. Dickson.
Edgewood, 14th St., near 14th Ave. W. T. Adams.
First, 7th Ave., cor. Carroll St. Jas. M. Farrar.
Flatbush, Flatbush Ave., cor. Church Lane. C. L. Wells.
Flatbush (Second), E. Broadway. Louis Goebel.
Flatlands, Neck Road, near Flatbush Ave. J. S. Gardner.
German, Herkimer St., near Howard Ave. F. C. Erhardt.
German American, Chestnut St. W. J. H. Boetcher.
Grace, Lincoln Road, cor. Bedford Ave.
Gravesend, Neck Road, near Ocean Parkway. P. V. Van Buskirk.
Greenwood, 41st St., cor. 7th Ave. A. P. Stockwell.
Heights, Church on the, Pierrepont St., near Monroe Pl. J. D. Adams.
Kent St., Kent St., near Manhattan Ave. Lewis Francis.
New Lots, New Lots Ave., cor. Schenck Ave. N. Pearse.
New Utrecht, 18th Ave., near 83d St. A. H. Brush.
North, Clermont Ave., near Myrtle Ave. E. Van Slyke.
Ocean Hill, Herkimer St., near Hopkinson Ave. A. M. Quick.
Ridgewood, Evergreen. G. R. Israel.
South, 3d Ave., near 52d St. B. E. Dickhaut.
South Bushwick, Bushwick Ave., cor. Himrod. George D. Hulst.
St. Peter's, Union Ave., cor. Scholes. J. C. Guenther.
Twelfth St., 12th St., near 5th Ave. John E. Lloyd.

ROMAN CATHOLIC.

C. E. McDonnell, Bishop.

All Saints' (German), Throop Ave., near Thornton. George Kaupert.
Annunciation of the B. V. M. (German), N. 5th St. cor. Havemeyer St. F. X. Pauletigi.
Assumption of the B. V. M., York St., cor. Jay St. J. J. McCusker.
Blessed Sacrament, Fulton St., cor. Market St. J. E. McCoy.
Chapel of St. John's Home, St. Mark's Ave., cor. Albany Ave. C. F. Vitta.
Chapel of St. Mary's Female Hospital, 155 Dean St. J. J. Marrin.
Chapel of St. Mary's General Hospital. John Baxter.
Chapel of St. Peter's Hospital, Henry St., cor. Congress St. Thomas Fitzgerald.

ROMAN CATHOLIC—Continued.

Chapel of the Good Shepherd, Hopkinson Ave., cor. Pacific St. Rev. Fathers of Mercy.
Chapel of the Precious Blood, 212 Putnam Ave. Rev. Fathers of Mercy.
Chapel of the Visitation Convent, Willoughby Ave., cor. Clinton Ave. Rev. Clergy of St. John's Chapel.
Church of the Presentation, Rockaway Ave., cor. St. Mark's Ave. H. Hand.
Church of the Sorrowful Mother, Morgan Ave., cor. Harrison Pl. John B. Zentgraf.
Fourteen Holy Martyrs, Central Ave., cor. Covert St. B. F. Kurz.
Guardian Angel, Boulevard, opposite Race Track. J. J. Cullen.
Holy Cross, Church Lane, cor. Prospect St. John T. Woods.
Holy Family (German), 13th St., cor. 4th Ave. J. J. Hanselman.
Holy Name, 9th Ave., cor. Prospect Ave. Thos. S. O'Reilly.
Holy Rosary, Chauncey St., near Stuyvesant Ave. James McEnroe.
Holy Trinity (German), Montrose Ave., near Ewen St. Peter Dauffenbach.
Immaculate Conception Chapel, Bushwick Ave., cor. De Kalb Ave. Rev. Clergy of St. John's Seminary.
Immaculate Heart of Mary, Fort Hamilton Ave., cor. E. 4th St. Jas. J. McAteer.
Nativity, Classon Ave., cor. Madison St. M. J. Moran.
Our Lady of Angels, Bay Ridge. M. J. Loftus.
Our Lady of Czestohowa (Polish), 25th St., near 4th Ave. Boleslaus Puchalski.
Our Lady of Good Counsel, Madison, near Ralph Ave. Eugene P. Mahony.
Our Lady of Loretto (Italian), Powell St. Stephen Gesualdi.
Our Lady of Lourdes, Hull St., near Broadway. E. H. Porcile.
Our Lady of Mercy, Debevoise Pl., near De Kalb Ave. Richard S. Foley.
Our Lady of Mount Carmel (Italian), N. 8th St., cor. Union Ave. Peter Saponara.
Our Lady of Perpetual Help, 5th Ave., near 59th St. John B. Daily.
Our Lady of Victory, Throop Ave., near McDonough St. Jas. J. Woods.
Sacred Heart, Clermont Ave., near Park Ave. John F. Nash.
Sacred Heart Chapel, Villa de Sales, near Parkville. Rev. Clergy of St. Francis de Chantal.
Sacred Heart of Jesus and Mary (Italian), President St., cor. Van Brunt St. John Vogel.
St. Agnes', Hoyt St., cor. Sackett. Jas. S. Duffy.
St. Aloysius' (German), Onderdonk Ave., near Stanhope St. J. W. Hauptman.
St. Alphonsus' (German), Kent Ave., near Manhattan Ave. W. Guhl.
St. Ambrose, Tompkins Ave., cor. De Kalb Ave. J. J. Crowley.
St. Anne's, Front St., cor. Gold. Jas. J. Durick.
St. Anthony's, Manhattan Ave., opposite Milton St. P. F. O'Hare.
St. Augustine's, 6th Ave. and Sterling Pl. E. W. McCarty.
St. Barbara's, Central Ave., cor. Bleecker St. Michael N. Wagner.
St. Benedict's (German), Fulton St., near Ralph Ave. John M. Hanselman.
St. Bernard's (German), Rapelye St., cor. Hicks St. Joseph Traenkle.
St. Boniface's (German), Duffield St., near Willoughby St. George Feser.
St. Bridget's, Linden St., cor. St. Nicholas Ave. Thos. F. McGronen.
St. Casimir's (Polish), Greene Ave., near Carlton Ave. Adelbert Nawrocki.
St. Catherine's Chapel, Bushwick Ave., cor. Ten Eyck St. Rev. Clergy of Holy Trinity.
St. Cecilia's, N. Henry St., cor. Herbert St. Ed. J. McGolrick.

CHURCHES IN BROOKLYN BOROUGH—*Continued.*

ROMAN CATHOLIC—Continued.

St. Charles Borromeo's, Sidney Pl., cor. Livingston St. James E. Bobier.
St. Edward's, Canton Division. Jas. F. Mealia.
St. Elias', 720 Leonard St.
St. Finbar's, Bath Beach. A. J. O'Rourke.
St. Francis' Chapel, 41 Butler St. Thomas Adams.
St. Francis de Chantel, 57th St., near 13th Ave. G. Septier.
St. Francis of Assisi, Lincoln Road and Nostrand Ave. Francis X. Ludeke.
St. Francis of Assisium Chapel, Willoughby Ave., cor. Graham Ave. Rev. Clergy of St. Patrick's.
St. Francis Xavier's, Carroll St., cor. 6th Ave. D. J. Hickey.
St. James' Pro-Cathedral, Jay St., cor. Chapel St. Peter Donohoe.
St. John the Evangelist's, 21st St., near 5th Ave. Thomas F. Lynch.
St. John's Chapel, Clermont Ave., near Greene Ave. J. J. Coan.
St. John the Baptist's, Willoughby Ave., near Lewis Ave. J. J. Sullivan.
St. Joseph's, Pacific St., near Vanderbilt Ave. Patrick J. McNamara, V. G.
St. Leonard of Port Maurice's (German), Hamburg Ave., cor. Jefferson St. George Sander.
St. Louis' (French), Ellery St., near Nostrand Ave. Jules Jollon.
St. Malachy's, Van Sicklen Ave., near Atlantic Ave. Hugh B. Ward.
St. Mark's, Sheepshead Bay Rd., cor. E. 14th St. J. J. Heffernan.
St. Mary's, 85th St., cor. 23d Ave. Chas. Wightman.
St. Mary's of the Angela (Lithuanian), S. 4th and Roebling Sts. S. Malukos.
St. Mary of the Immaculate Conception, Leonard St., cor. Maujer St. Jas. F. Crowley.
St. Mary's Star of the Sea, Court St., cor. Luquer. Joseph P. O'Connell.
St. Matthew's, Utica Ave., cor. Degraw St. P. J. McGlinchey.
St. Michael's, 4th Ave., cor. 42d St. Henry A. Gallagher.
St. Michael's Archangel (Italian), Lawrence St., cor. Tillary St. P. Garofolo.
St. Michael's (German), Jerome St., near Liberty Ave. Bonaventure Fry, O. M. Capps.
St. Nicholas' (German), Powers St., cor. Olive St. J. P. Hoffman.
St. Patrick's, Kent Ave., cor. Willoughby Ave. Thos. Taafe.
St. Patrick's, Fort Hamilton. John G. Fitzgerald.
St. Paul's, Court St., cor. Congress. William J. Hill.
St. Peter's, Hicks St., cor. Warren St. Michael Fitzgerald.
SS. Peter and Paul's, Wythe Ave., near S. 2d St. John L. Belford.

ROMAN CATHOLIC—Continued.

St. Rose of Lima's, Lawrence Ave., near Ocean Parkway. J. McAleese.
SS. Simon and Jude, Gravesend. William L. Gardiner.
St. Stanislaus' (Scandinavian), 14th St., near 6th Ave. C. H. Dumahut.
St. Stanislaus' (Polish), Driggs Ave., near Humboldt St. Leo Wysiecki.
St. Stephen's, Summit St., cor. Hicks St. N. J. Doran.
St. Teresa's, Classon Ave., cor. Butler St. J. J. McNamee.
St. Thomas Aquinas', 4th Ave., cor. 9th St. James Donohue.
St. Thomas Aquinas', Flatbush Ave., near Ave. N. E. W. Dullea.
St. Vincent de Paul's, N. 6th St., near Driggs Ave. Martin Carroll.
St. Vincent's Chapel, 7 Poplar St. W. L. Blake.
Transfiguration, Hooper St., cor. Marcy Ave. Walter L. Power.
Visitation of the B. V. M., Verona St., cor. Richards. Wm. T. McGuirl.

UNITARIAN.

First Unitarian Congregational Society, Pierrepont St., cor. Monroe Pl. John P. Forbes.
Second, Clinton, cor. Congress. J. W. Chadwick.
Third, Gates Ave., cor. Irving Pl. D. W. Wilson.
Willow Place Chapel. W. A. Taylor.

UNIVERSALIST.

All Souls' Church, S. 9th St., near Bedford Ave. John Coleman Adams.
Church of Our Father, Grand Ave., near Fulton St. A. J. Canfield.
Church of the Good Tidings, Quincy St., near Reid Ave. A. S. Yantis.
Church of Reconciliation, N. Henry St., near Nassau Ave.
Prospect Heights, 6th Ave., cor. 9th St. A. E. and A. K. Wright.

MISCELLANEOUS.

Church of Christ, Sterling Pl., near 7th Ave. M. E. Harlan.
First Free Baptist, Keap St., cor. Marcy Ave. R. D. Lord.
First Particular Baptist, 315 Washington St. Richard Daniels.
Friends' Meeting-House (Hicksite), Schermerhorn St., near Boerum Pl.
Friends' Meeting-House (Orthodox), Washington Ave., near Lafayette Ave. M. M. Binford.
Household of Faith, 617 Greene Ave. Wm. N. Pile.

Navy of the United States.

UNITED STATES NAVAL STATION ENTRANCE, FOOT SANDS STREET, BROOKLYN BOROUGH.

Commandant—Rear-Admiral John W. Philip.

Captain of the Yard—Capt. Frank Wildes.
Ordnance Officer—Commander Wm. Swift.
Equipment Officer—Commander H. N. Manney.
Medical Department—Med. Insp. J. A. Hawke.
General Storekeeper—Pay Director Edwin Putnam.
Pay Office—Paymaster H. T. Wright.
Clothing Factory—Paymaster H. E. Drury.
Chief Engineer of the Yard—Com. J. A. B. Smith.
Civil Engineers—P. C. Asserson, Com. A. B. H. Lillie, E. P. Goodrich, L. M. Cox.
Naval Constructor—F. T. Bowles.
Naval Hospital—Medical Director G. W. Woods.
Naval Laboratory and Department of Instruction—Medical Director T. C. Walton.
Marine Barracks—Capt. R. H. Lane.
Inspection Board—Commander W. C. Gibson.
Survey and Appraisal Board—Commander Henry W. Lyon.
Purchasing and Disbursing Paymaster (280 Broadway, N. Y.)—Pay Director H. M. Denniston.
Chaplain—Rev. S. D. Boorom
Labor Board—Commander A. B. Speyers, Recorder.

Passes to the Navy Yard will only be recognized on the day stated on the pass. Passes can be secured by writing to the Captain of the Yard. A postage stamp must be inclosed. Visiting hours are between 10 A. M. and 4 P. M. Application to visit the ships in the yard must be made to the executive officers on board.

Fire Engine Companies in Brooklyn Borough.

ENGINE COMPANIES.

1—4th Ave., near 52d St.
2—Van Brunt St., near Seabring.
3—Hicks St., near Degraw St.
4—Degraw St., near Court St.
5—Pierrepont St., near Fulton.
6—Pearl St., near Nassau St.
7—Pearl St., near Concord St.
8—Front St., near Bridge St.
9—Graham Ave., n. Myrtle Ave.
10—Carlton Ave., nr. Myrtle Ave.
11—Clymer St., near Bedford Ave.
12—Wythe Ave., near N. 8th St.
13—Powers St., n. Manhattan Ave.
14—Herkimer St., nr. N. Y. Ave.
15—India St., near Franklin St.
16—Scholes St., near Union Ave.
17—De Kalb Ave., nr. Lewis Ave.
18—Hart St., near Central Ave.
19—Dean St., nr. Vanderbilt Ave.
20—11th St., near 7th Ave.
21—S. 2d St., near Bedford Ave.
22—Quincy St., nr. Patchen Ave.
23—Fireboat Seth Low, Pier ft. Main St.
24—155 Furman St.
25—Liberty Ave., nr. Ashford St.
26—State St., near Nevins St.
27—Herkimer St., nr. Ralph Ave.
28—39th St., cor. 5th Ave.
29—Kingsland Ave., cor. Frost.
30—Ellery St., near Marcy Ave.
31—1772 Eastern Parkway.
32—Fireboat David A. Boody, Pier ft. N. 8th St.
33—Hull St., near Broadway.
34—Bergen St., near Troy Ave.
35—Monroe St., nr. Nostrand Av.
36—Liberty Ave., nr Market St.
37—Morgan Ave., cor. Grattan.
38—Norman Ave., near Diamond.
39—4th Ave., near 6th St.
40—Prospect Av., nr. Greenwood.
41—Bay Ridge Ave., near 2d Ave.
42—92d St., near 5th Ave.
43—18th Ave. and 86th St.
44—W. 15th St., near Surf Ave.
45—W. 8th St., near Surf Ave.
46—E. 23d St., near Voorhees Av.
47—60th St., nr. New Utrecht Ave.
48—Church Ave., nr. Bedford Av.
49—Rogers Ave., near Midwood.
50—Lawrence Ave., near Ocean Parkway.
51—Wallabout Market.
52—Central Ave., nr. Decatur St.
53—86th St., near 24th Ave.
54—Town Hall, Gravesend.
55—Rogers Ave., near Ave. F.
57—Rockaway Ave. and Canarsie R. R., Flatlands.
58—105 Jackson Ave., L. I. City.
59—71 Gale St., L. I. City.
60—687 Vernon Ave., L. I. City.
61—231 Radde St., L. I. City.
62—80 Main St., L. I. City.
63—354 Flushing Ave., L. I. City.

HOOK AND LADDER COMPANIES.

1—Van Brunt St., cor. Seabring.
2—Bedford Ave., nr. Myrtle Av.
3—Concord St., near Gold St.
4—S. 3d St., near Driggs Ave.
5—Pacific St., near 6th Ave.
6—Greenpoint Ave., near Manhattan Ave.
7—New Jersey Ave., n. Jamaica Ave.
8—Seigel St., near Graham Ave.
9—4th Ave., cor. 19th St.
10—State St., near Boerum Pl.
11—Halsey St., near Sumner Ave.
12—Madison St., cor. Hamburg.
13—Rogers Ave., nr. Midwood St.
14—5th Ave., near 52d St.
15—178 7th St., L. I. City.
16—443 Buckley St., L. I. City.
17—356 Flushing Ave., L. I. City.

Police Station-Houses in Brooklyn Borough.

(Headquarters, Municipal Building, Brooklyn.)

Precinct	Location.
43d.	4th Ave. and 43d St.
44th.	5th Ave. and 16th St.
45th.	Richards and Rapelye Sts.
46th.	6th Ave. and Bergen St.
47th.	17 Butler St.
48th.	Emmett and Amity Sts.
49th.	318 Adams St.
50th.	49 Fulton St.
51st.	Grand Ave. and Park Pl.
52d.	Atlantic and Schenectady Aves.
53d.	Miller and Liberty Aves.
54th.	Ralp Ave. and Quincy St.
55th.	Gates and Throop Aves.
56th.	De Kalb and Classon Aves.
57th.	Flushing and Clermont Aves.
58th.	Tompkins and Vernon Aves.
59th.	Lee Ave. and Clymer St.
60th.	Bedford Ave. and N. 1st St.
61st.	Manhattan and Greenpoint Aves.
62d.	Humboldt and Herbert Sts
63d.	Stagg St. and Bushwick Ave.
64th.	Hamburg and DeKalb Avs
65th.	E. Parkway and Osborn St.
66th.	9th St. and Ave. G.
67th.	Grant St., Flatbush.
68th.	Ocean and Voorhees Aves.
69th.	W. 8th St., Coney Island.
70th.	19th Ave., near Bath.
71st.	86th St. and 7th Ave.
72d.	Coney Id. and Foster Avs.
73d.	Prospect Park.

Libraries in Brooklyn Borough.

Brooklyn, 197 Montague St.—Open daily from 8.30 A. M. to 9 P. M.

Brooklyn Public Library, headquarters, 26 Brevoort Place; branches at 185 Brooklyn Ave., Pennsylvania Ave. and Fulton St., 48th St. and 4th Ave., and at old P. O. Building, Bedford Ave., near Broadway.

Flatbush Free Library, 5 Caton Ave.—Open daily from 8.30 A. M. to 9 P. M. Saturdays until 10 P. M.

Free Lending Library of the Union for Christian Work, 67 Schermerhorn St.

Law Library, Room 16 Court-House.

Long Island Historical Society, Pierrepont and Clinton Sts.

Pratt Institute, Free, 215 Ryerson St.—Open daily from 9 A. M. to 9 P. M.

Young Men's Christian Association, 502 Fulton Street.

Young Women's Christian Association, Schermerhorn St. and Flatbush Ave.—Open daily from 9 A. M. to 9 P. M.

Places of Amusement in Brooklyn Borough.

Academy of Music, 176 Montague Street.
Amphion Theatre, 439 Bedford Avenue.
Bijou Theatre, Smith and Livingston Streets.
Brooklyn Art Association, 174 Montague Street.
Brooklyn Institute of Arts and Sciences, Bond, near Fulton Street.
Brooklyn Music Hall, Broadway and Alabama Avenue.
Columbia Theatre, Washington and Tillary Sts.
Criterion Theatre, Fulton St., near Grand Ave.
Empire Theatre, Broadway and Bedford Ave.
Gayety Theatre, Broadway and Troop Avenue.
Grand Opera House, Elm Place, near Fulton St.
Historical Hall, cor. Pierrepont and Clinton Sts.
Hyde & Behman's Theatre, Adams Street, near Myrtle Avenue.
Memorial Hall, Schermerhorn St., near Flatbush Avenue.
Montauk Theatre, 587 Fulton Street.
Park Theatre, 383 Fulton Street.
Star Theatre, Jay Street, near Fulton Street.
Young Men's Christian Association, 502 Fulton St.

Regents' Examinations in 1900.

REGENTS' examinations under the control of the University of the State of New York (office, Albany, N. Y.) will be held in 1900 at the following times and places: January 22-26 inclusive, at New York, and about 550 academies and high schools; 61 subjects. March 28-30 inclusive, at New York, and about 525 academies and high schools; 25 subjects. June 11-15 inclusive, at New York, and about 575 academies and high schools; all (79) subjects. Sept. 25-27 inclusive, at New York, Albany, Syracuse, Buffalo; 29 subjects. Sept. examinations are for professional and technical students only. Morning session begins 9.15 A.M. Afternoon session begins 1.15 P.M.

UNIVERSITY CREDENTIALS, Passcard—Any study. Preliminary (preacademic) certificate—Reading, writing, spelling, elementary English, arithmetic, geography. MEDICAL STUDENT CERTIFICATE—For matriculates prior to May 9, 1893, for any 20 counts, allowing 10 for the preliminaries, not including reading and writing; for matriculates prior to May 13, 1895, for arithmetic, elementary English, geography, spelling, United States history, English composition, and physics, or any 50 counts, allowing 14 for the preliminaries; for matriculates prior to January 1, 1896, for any 12 academic counts; for matriculates prior to January 1, 1897, for any 24 academic counts. But all matriculates after January 1, 1897, must secure 48 academic counts.

LAW STUDENT CERTIFICATE—Advanced English, English composition, first year Latin, arithmetic, algebra, geometry, English history, United States history, civics, economics, or any 36 academic counts. The foregoing rule took effect January 1, 1895. All students who had begun their law course or clerkship before January 1, 1895, as shown by the law school or Court of Appeal records, may secure a certificate under the 1892 requirements, viz.: English composition, first year Latin, arithmetic, geometry, English and United States history, and civics, or any 30 counts including preliminaries.

DENTAL STUDENT CERTIFICATE—Any 36 academic counts or their equivalents (for matriculates before January 1, 1901).

VETERINARY STUDENT CERTIFICATE—Any 24 academic counts or their equivalents (for matriculates before January 1, 1901).

ACADEMIC CERTIFICATES—All preliminaries and any 24, 36, 48, 60, etc., counts, if one-sixth of the first 24, 36, and 48 counts are in English. First Year Certificate—No certificate is issued for 12 counts unless it includes the preliminaries and first year English (or English composition and 2 other English counts), United States history, and drawing, and either 4 counts in mathematics or physiology and hygiene and 2 optional counts. The first year in any foreign language may be substituted for first year English in the first year certificate.

There is no limit of time, but all credentials issued by the University are good till cancelled for cause. Studies necessary to obtain any credential may be passed at different examinations. Seventy-five per cent of correct answers is required in all subjects. Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates. For those accepted passcards will be issued.

Candidates not attending schools in which regents' examinations are held should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place. Candidates who fail to send this advance notice can be admitted only so far as there are unoccupied seats.

Professional Certificates Without Examinations—Candidates having credentials which can be accepted in place of examinations should send them to the examination department.

MEDICAL EXAMINATIONS.

The regents shall admit to any examination any candidate who pays a fee of $25 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required preliminary to receiving the degree of bachelor or doctor of medicine in this State; 4. Has studied medicine not less than four full school years of at least nine months each, including four satisfactory courses of at least six months each in four different calendar years in a medical college registered as maintaining at the time a satisfactory standard. This requirement took effect January 1, 1898, and does not apply to students matriculated before that date who receive their degree before January 1, 1902; 5. Evidence that applicant has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full rights to practise medicine in some foreign country (original credentials).

Examinations for license to practise medicine in this State will be held as follows: January 23-26, May 22-25, June 19-22, September 25-28, at New York, Albany, Syracuse, and Buffalo. (Each candidate is notified as to exact place.)

DENTAL EXAMINATIONS.

The regents shall admit to examination any candidate who pays a fee of $25 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required in all cases after August 1, 1895, preliminary to receiving the degree of bachelor or doctor of medicine in this State. Matriculates in a registered dental school before January 1, 1896, are exempt from the preliminary education requirement for degrees and for admission to the licensing examinations; 4. Has satisfactorily completed a course of not less than three years in an institution registered by the regents as maintaining proper dental standards; 5. Evidence that applicant has received either a dental degree after graduation in course from some registered dental school, or after graduation in course from a registered medical school with an M. D. degree has studied dentistry at least one year in a registered dental school, or a diploma or license conferring full right to practise dentistry in some foreign country, and granted by some registered authority (original credentials).

Dates of dental examinations: January 23-26, May 22-25, June 19-22, and September 25-28, at New York, Albany, Syracuse, and Buffalo. (Each candidate is notified as to exact place.)

VETERINARY EXAMINATIONS.

The regents shall admit to examination any candidate who pays a fee of $10 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required in all cases after July 1, 1897, preliminary to receiving a degree in veterinary medicine. Matriculates in a registered veterinary medical school prior to January 1, 1896, are exempt from the preliminary education requirement; 4. Has studied veterinary medicine not less than three full years, including three satisfactory courses, in three different academic years, in a veterinary medical school registered as maintaining at the time a satisfactory standard; 5. Has received a degree as veterinarian from some registered veterinary medical school.

Dates of examinations: January 23-26, May 22-25, June 19-22, September 25-28, at New York, Albany, Syracuse, and Buffalo.

CERTIFIED PUBLIC ACCOUNTANTS.

1. The full C. P. A. certificate is to be granted only to those at least twenty-five years of age who have had three years' satisfactory experience in the study or practice of accounting, one of which shall have been in the office of an expert public accountant. 2. Candidates having the required preliminary education and passing the required examinations, but lacking the age or the three years' experience required for the full C. P. A. certificate, may be certified as junior accountants under the same conditions as to residence and character. 3. Two examinations, in January and in June, are held annually. There are to be four sessions as follows: 1. Theory of accounts; 2. Practical accounting; 3. Auditing; 4. Commercial law. 4. Candidates must complete all subjects at a single examination as required in medicine. 5. Candidates for either the C. P. A. or the junior accountant certificate must be more than twenty-one years of age, and of good moral character. They must pay a fee of $25, and must have the regents' academic diploma or its equivalent as prescribed for other professional examinations. Dates of examinations, January 23-24 and June 12-13.

Law Examinations in 1900.

To entitle an applicant to an examination as an attorney and counselor he shall pay to the examiners a fee of $15, and he must prove (15 days in advance) to the satisfaction of the State Board of Law Examiners: 1. That he is a citizen of the United States, twenty-one years of age, and a resident of the State, and that he has not been examined for admission to practice and been refused admission and license within three months immediately preceding, which proof must be made by his own affidavit. 2. That he has studied law in the manner and according to the conditions prescribed for a period of three years, except that if the applicant is a graduate of any college or university his period of study may be two years instead of three; and except also that persons who have been admitted as attorneys in the highest court of original jurisdiction of another State or country, and have remained therein as practicing attorneys for at least one year, may be admitted to such examination after a period of law study of one year within this State 3. That the applicant has passed the regents' examination or its equivalent must be proved by the production of a certified copy of the regents' certificate filed in the office of the Clerk of the Court of Appeals. The examinations of all persons applying to be admitted to practice as attorneys and counselors in the Courts of Record of the State of New York will be held at 9 A.M. as follows:

1st Dept.—In Manhattan Boro', at Court-House of Appellate Division, 111 Fifth Ave., Jan. 20 and June 16. 2d Dept.—In Brooklyn Boro', at Court-House, Jan. 20 and June 16. 3d Dept.—In Albany, at Court-House, City Hall, Jan. 17 and June 19. 4th Dept.—In Rochester, at Court-House, Jan. 17 and June 19. Special—for 1st and 2d Dept. only—In Manhattan Boro', at Court-House of Appellate Division, 111 Fifth Ave., April 21. For the State-at-Large—In Syracuse, at University Hall, October 9.

Address communications concerning law examinations to F. M. Danaher, Secretary, Albany, N. Y.

Height of Prominent Buildings in Manhattan Borough.

Name and Location.	No. of Stories.	Height.	Dimensions of Buildings
American Exchange Bank, Broadway and Cedar St.	16	232 ft.	39 ft. 9 12-in. x 49 ft. 5 in. x 100 ft. 5 1-2 in.
American Surety Co., Broadway, cor Pine St.	23	306 ft. 1 in.	84 ft. 8 in. x 85 ft. 6 in.
American Tract Society, Nassau, cor. Spruce St.	23	306 ft.	100 ft. 7 in. x 94 ft. 6 in.
Astoria Hotel, 344-350 Fifth Ave.	16	213 ft.	335 ft. x 98 ft. 9 in.
Bank of Commerce, cor. Nassau and Cedar Sts.	20	270 ft.	106 ft. 2 in. x 109 ft. 6 in.
Battery Park, State and Pearl Sts.	11	145 1-2 ft.	108 ft. 2 3-4 in. x 127 ft., 104 ft. 9 in. x 93 ft. 9 1-8 in.
Bowling Green Building, 5-11 Broadway.	19	272 ft. 6 in.	152 ft. x 201 ft.
Broadway (No. 34).....	12	154 ft.	44 ft. 6 in. x 58 ft. 9 in.
Chesebrough, Pearl and State Sts.	11	161 ft.	142 x 96 x 46
Commercial Cable, 20-22 Broad St.	21	255 ft., exclusive of dome.	45 ft. 1 1-2 in. 153 ft. 11 in
Corn Exchange Bank, cor. William and Beaver Sts.	11	158 ft.	86 ft. 8 in. x 110 ft. 7 in.
Downing Building, 106 and 108 Fulton St.	15	To roof top, 179 ft.; to pent house, 190 ft.	50 ft. front, 74 ft. rear, 103 ft. deep
Dun (R. G. Dun), 290-294 Broadway.	15	223 ft.	608 ft. 1 5-8 in. x 130 ft. 7 1-8 in.
Exchange Court (W. W. Astor), Broadway and Exchange Place.	12	160 ft.	129 ft. 9 1-4 in. x 159 ft. 4 1-2 in.
Fifth Ave. and 45th St.....	13	164 ft.	75 ft. x 150 ft.
Gillender, cor. Wall and Nassau Sts.	16	To roof top, 219 ft.; to tower, 273 ft.	26 ft. x 73 ft. 5 1-2 in.
Home Life Insurance Co., 256 Broadway.	16	To roof top, 219 ft.; to top of spire, 280 ft.	55 ft. 6 in. x 109 ft.
Hotel Netherland, cor. 59th St. and Fifth Ave.	17	To roof top, 220 ft.	Mansard roof and bldg., 100x125 ft.
Hudson Realty Co., 32-34 Broadway.	16	205 ft. 6 in.	53 ft. 9 in. x 203 ft.
Ivins Syndicate, 13-21 Park Row.	29	To roof top, 309 ft.; to tower 382 ft.	104 ft. 2 in. x 153 ft. 11 in
Johnston Building, 30-36 Broad St.	15	205 ft.	88 ft 1-2 in. x 123 ft. 8 3-4 in.
Maiden Lane (No. 1).....	13	160 ft.	25 ft. 9 in. x 50 ft. 2 in.
Manhattan Life Ins. Co., 64-68 Broadway.	17	To roof top, 246 ft.; to top of tower, 348 ft.	62x125 ft.
Morton, 110-116 Nassau St.	12	154 ft.	75 3-4 x 142 x 112.
Mutual Life Insurance Co., Liberty St.	15	To roof top, 210 ft.; to roof garden, 230 ft.	100x125 ft.
Mutual Reserve Life Ins. Co., cor. B'way and Duane St.	14	To roof top, 184 ft.	75x125 ft.
N. Y. Life Ins. Co., 346-348 Broadway	12	188 ft. front; to tower, 270 ft.	60x196 ft.
New York Realty Co., 9-13 Maiden Lane.	15	203 ft. 6 in.	56 ft. 6 in. x 78 ft. 5 in.
O. B. Potter Trust, Broadway and Rector St.	20	293 ft.	78 ft. x 223 ft. 10 in.
Postal Telegraph Co., cor. Broadway and Murray St.	13	To roof top, 179 ft.; to pent house, 193 ft.	70 ft. front, 100 ft. rear, 155 ft. deep
Pulitzer Building, Park Row	22	Extreme height, 375 1-2 ft.	115 ft. 4 in. x 136 ft. 8 in.
Queens Ins. Co., cor. William and Cedar Sts.	15	195 ft.	41 ft. 11 1-2 in. x 68 ft. 11 1-4 in.
Sherry's (Brokaw), Fifth Ave. and 44th St.	11	161 ft. 3 in.	93 ft. 10 in. x 225 ft.
Singer Mfg. Co. 85-89 Liberty St.	14	197 ft.	74 ft. 10 1-2 in. x 93 ft. 8 in.
St. James, Broadway, cor. 26th St.	16	204 ft.	94 1-2 x 148 11 1-8.
St. Paul Building, Ann St. and Broadway.	26	308 ft.	39.4x27x104. 2x54.3x83.
Standard Oil Building, 24-30 Broadway.	15	263 ft.	114 ft. 1 in. x 207 ft. 11 in
Townsend, cor Broadway and 25th St.	12	165 ft.	89 ft. 7 3-4 in. x 132 6 1-8.
Vincent Building, Broadway and Duane St.	14	205 ft.	50 ft. 11 in x 110 ft. 7 1-2 in.
Waldorf-Astoria Hotel, 13-19 W. 33d St.	16	214 ft.	85 ft. x 98 ft. 9 in.
Washington Life Ins. Co., Broadway and Liberty.	19	273 ft.	53 ft. 9 in. x 159 ft. 5 in.

Hotels in Manhattan Borough.

*Adams House, 10th Avenue and 12th Street
*Albemarle, Broadway and 24th Street.
*Albert, 79 University Place.
*American, 640 8th Avenue.
‡Ashland, 4th Avenue and 24th Street.
*Astor House, Broadway, opposite Post-Office.
†Balmoral, Lenox Avenue and 113th Street.
*Bancroft House, Broadway and 21st Street.
*Bartholdi, Broadway and 23d Street.
‡Belvedere, 4th Avenue and 18th Street.
*Beresford, 1 West 81st Street.
*Brevoort House, 11 5th Avenue.
‡Bristol, 5th Avenue and 42d Street.
‡Broadway Central, 671 Broadway.
*Buckingham, 5th Avenue and 50th Street.
‡Cadillac, Broadway and 43d Street.
†Cambridge, 5th Avenue and 33d Street.
*Colonial, 125th Street and 8th Avenue.
*Colonnade, 7-6 Broadway.
*Continental, Broadway and 20th Street.
*Cosmopolitan, Chambers St. and W. Broadway.
‡Endicott, Columbus Avenue and 81st Street.
*Everett House, 4th Avenue and 17th Street.
†Fifth Avenue, 5th Avenue and 23d Street.
†Gilsey House, Broadway and 29th Street.
*Grand, Broadway and 31st Street.
*Grand Union, 4th Avenue and 42d Street.
*Grenoble, 7th Avenue and 56th Street.
*Herald Square, 34th Street, near Broadway.
*Hoffman House, 1111 Broadway
*Holland House, 5th Avenue and 30th Street.
*Imperial, Broadway and 32d Street.
†Madison Avenue Madison Avenue and 58th St.
‡Majestic, 4 West 72d Street
†Manhattan, 42d Street and Madison Avenue.
*Metropole, Broadway, 41st and 42d Streets.
Metropolitan, Broadway and 27th Street.
Mills (No. 1), Bleecker and Thompson Streets.
Mills (No 2), Rivington and Chrystie Streets.
*Morton House, Broadway and 14th Street.
‡Murray Hill, Park Avenue and 40th Street.
‡Netherland, corner 5th Avenue and 59th Street.
*New York, 30 East 42d Street.
*Normandie, Broadway and 38th Street.
*Park Avenue, Park Avenue and 32d Street.
‡Plaza, 5th Avenue and 59th Street.
*St. Cloud Broadway and 42d Street.
*St. Denis, Broadway and 11th Street.
*St. George, Broadway and 12 h Street.
‡San Remo 8th Avenue and 75th Street.
‡Savoy, 5th Avenue and 59th Street.
†Sherman Square, Boulevard and West 71st St.
*Sinclair House, 754 Broadway.
*Smith & McNell's, 197 Washington Street.
Stevens House, 21 Broadway.
‡Sturtevant, 1186 Broadway.
*Union Square, 16 Union Square.
*United States, Fulton and Water Streets.
‡Vendome, Broadway and 41st Street.
*Waldorf-Astoria, 5th Avenue 33d to 34th Street.
*Westminster, Irving Place and 16th Street.

*European Plan. †American Plan. ‡American and European Plans.

Militia—Brooklyn and Queens Boroughs.

SECOND BRIGADE, NATIONAL GUARD, STATE OF NEW YORK.

Headquarters, Hall of Records, Brooklyn Borough.

Commander.....Brigadier-General James McLeer.

Assistant Adjutant-General, Lieut.-Col. Brvt. Brig.-Gen. Jno. B. Frothingham
Surgeon.....Lieut.-Col. Geo. R. Fowler
Ordnance.....Major F. D. Beard
Quartermaster.....Major P. H. McNulty
Inspector of Small Arms Practice. Major T. H. Babcock

Judge-Advocate.....Major Edw. M. Grout
Inspector.....Major W. E. C. Mayer
Commissary Subsistence.....Major Chas. W. Tracy
Engineer.....Major J. W. Tumbridge
Aides-de-Camp.....Capt. John H. Shults, Jr., Capt. Ernestus Gulick.

INFANTRY REGIMENTS IN BROOKLYN BOROUGH.

Name	Armory	Numerical Strength. Commissioned Officers.	Men.	Colonel.	Lieutenant-Colonel.	Major.
Thirteenth.....	Sumner & Jefferson Avs.	37	649	D. E. Austen..	Geo. D. Russell	W. A. Turpin. Chas. O. Davis.
Fourteenth.....	8th Ave. & 15th St.....	44	749	B. T. Clayton.	A. L. Kline....	B. H. Tobey. E. H. Mitchell.
Twenty-third.....	Bedford & Atlantic Avs.	43	675	Alexis C. Smith	.....	David K. Case. W. A. Stokes.
Forty-seventh...	Marcy Ave. & Lynch St.	44	546	John G. Eddy.	.....	W. H. Eddy. H. H. Quick.

ARTILLERY, SIGNAL CORPS, ETC., IN BROOKLYN AND QUEENS BOROUGHS.

Name.	Armory.	Numerical Strength. Commissioned Officers.	Men.	Commanding Officer.
Third Battery....	165-179 Clermont Ave.	6	86	Captain H. S. Rasquin.
17th Separate Co.	Flushing.....	5	66	Captain John F. Klein.
Troop C.....	N. Portland Ave.....	5	91	Captain Chas. I. De Bevoise.
2d Signal Corps..	801 Dean St.....	3	44	Captain Chas. B. Laldwin.

Total in Second Brigade (without Naval Reserve) on September 30, 1899: Officers, 179; men, 2,906, aggregate, 3,085.

Parks in Brooklyn and Queens Boroughs.

SHOWING SIZE, BOUNDARIES, AND VALUE.

Prospect, 516¼ acres, Prospect Park West, Coney Island Ave., Franklin, Ocean, and Flatbush Aves., value $27,735,000.

Fort Greene, 30 acres, De Kalb Ave., Washington Park, Ashland Pl., Willoughby St., Canton St., and Myrtle Ave., value $1,890,000.

Bedford, 4 acres, Brooklyn and Kingston Aves., Park Pl. and Prospect Pl., value $150,000.

Tompkins, 7¾ acres, Tompkins, Greene, Marcy, and Lafayette Aves., value $400,000.

City, 7½ acres, Canton and Navy Sts., Park and Flushing Aves., value $325,000.

City Hall, ½ acre, junction of Court and Fulton Sts., value $100,000.

Carroll, 2 acres, President, Court, Carroll, and Smith Sts., value $390,000.

Winthrop, 8½ acres, Nassau and Driggs Aves., Monitor and Russell Sts., value, $325,000.

Highland, 26 acres, Force Tube Ave. and Barbey St., facing Sunnyside Ave., value $250,000.

Sunset, 14¼ acres, 41st to 43d St., 5th to 7th Ave., value $200,000.

Red Hook, 6 acres, Richards, Dwight, Verona, and William Sts., value $150,000.

Bushwick, acres, Knickerbocke and Irving Aves., Starr and Suydam Sts., value $150,000.

East Side Lands, 50 acres, Washington Ave., Eastern Parkway, and Flatbush Ave., value $1,250,000.

Parade Ground, 40 acres, Coney Island Ave., Caton Ave., Ocean Ave., and Parade Pl., value $1,290,000.

Concourse, 70 acres, East and West 5th Sts., Sea Breeze Ave. and the ocean, value $1,000,000.

Dyker Beach, 144 acres, 7th Ave., New York Bay, Bay 8th St., Cropsey, and 14th Aves., value $300,000.

Bensonhurst Beach, 8 acres, Bay Parkway, Gravesend Bay, 21st, and Cropsey Aves., value $38,000.

Lincoln Terrace, 12 acres, Eastern Parkway, Buffalo Ave., President St., and Rochester Ave., value $120,000.

Canarsie Beach, 40 acres, Rockaway Parkway and Jamaica Bay, value $105,000.

New Lots Playground, 3 acres, Sackman St., Newport, Christopher, and Riverdale Aves., value $16,000.

Cooper, 17 acres, Maspeth and Morgan Aves., Sharon and Guilford Sts., value $55,000.

Irving Sq., 3½ acres, Hamburg and Knickerbocker Aves., Halsey and Weirfield Sts., value $70,000.

Saratoga Sq., 4 acres, Saratoga and Howard Aves., Halsey and Macon Sts., value $121,000.

Linton, 3 acres, Bradford St., Blake, Dumont, and Miller Aves., value $35,000.

Brooklyn Forest, 535 acres, between Jamaica Ave. and Union Turnpike, Eldert Lane and Washington St., Town of Jamaica, value $1,250,000.

Fort Hamilton, 7 acres, Fort Hamilton and Shore Road.

PARKWAYS.

Ocean Parkway, 5½ miles, Prospect Park to Coney Island, value $4,000,000.

Eastern Parkway, 2½ miles, Prospect Park to Ralph Ave., $3,000,000.

Eastern Parkway Extension, 2¼ miles, Ralph Ave. to Ridgewood Park, value $1,300,000.

Fort Hamilton Parkway, 4½ miles, Prospect Park to Fort Hamilton, value $1,000,000.

Bay Parkway, 3 miles, Ocean Parkway to Bensonhurst Beach, value $1,000,000.

Bay Ridge Parkway (Shore Drive), 3 miles, Fort Hamilton Ave. to Fort Hamilton, value $3,500,000.

Bar Association of New York.

(Bar Association Building, No. 42 West Forty-fourth Street, Manhattan Borough.)

President—John E. Parsons.
Vice-Pres.—William G. Choate.
" Cephas Brainerd.
Vice-Pres.—Hamilton Odell.
" Herbert B. Turner.
" James M. Varnum.
Rec. Secretary—S. B. Brownell.
Cor. Secretary—David B. Ogden.
Treasurer—S. Sidney Smith.

At the time of the last report of the Executive Committee there were 1,516 members of the Association. It was instituted in 1869, and its presidents have been as follows: 1870 to 1879, William M. Evarts; 1880 and 1881, Stephen P. Nash; 1882 and 1883, Francis N. Bangs; 1884 and 1885, James C. Carter; 1886 and 1887, William Allen Butler; 1888 and 1889, Joseph H. Choate; 1890 and 1891, Frederic R. Coudert; 1892 to 1894, Wheeler H. Peckham; 1895 and 1896, Joseph Larocque; 1897 to 1899, James C. Carter; 1900, John E. Parsons. The admission fee is $100, and the annual dues from resident members, $40, and from members having offices in New York City and residing elsewhere, $20; members neither residing nor having offices in New York City shall be exempt from the payment of annual dues.

The Lawyers' Club.—120 Broadway, Manhattan Boro. *President*—Wm. Allen Butler, Jr. *Secretary and Treasurer*—George T. Wilson. Total membership, 1,500. Membership is not restricted to lawyers. There are no entrance fees, but the annual dues of resident members are $100, and of non-resident members, $50. Non-resident members who are public officials, $25 per annum, and clergymen, whether resident or non-resident, the same.

Present Population of the United States.

(JANUARY 1, 1900.)

ACCORDING TO ESTIMATES MADE FOR THE WORLD ALMANAC BY THE GOVERNORS OF THE STATES AND TERRITORIES.

THE Governors were requested to make estimates of the present population of their respective States and Territories for THE WORLD ALMANAC for 1900. Where the executives failed to respond in time the estimates were made by other State officials, as indicated in the table.

STATES AND TERRITORIES.	Estimated Population.	STATES AND TERRITORIES.	Estimated Population.
Alabama	1,850,000	Montana	260,000
Alaska	(a) 65,000	Nebraska	1,260,000
Arizona	105,000	Nevada	60,000
Arkansas	1,500,000	New Hampshire	388,500
California	1,750,000	New Jersey	2,100,000
Colorado	650,000	New Mexico	285,829
Connecticut	(e) 900,000	New York	7,100,000
Delaware	175,000	North Carolina	1,800,000
District of Columbia	(b) 287,462	North Dakota	260,000
Florida	(d) 525,000	Ohio	4,850,000
Georgia	2,201,000	Oklahoma	400,000
Idaho	190,000	Oregon	500,000
Illinois	5,810,000	Pennsylvania	6,200,000
Indiana	2,830,000	Rhode Island	424,583
Iowa	2,230,500	South Carolina	1,250,000
Kansas	1,410,000	South Dakota	400,000
Kentucky	(e) 2,100,000	Tennessee	2,000,000
Louisiana	1,260,000	Texas	(d) 3,500,000
Maine	700,000	Utah	280,000
Maryland	(f) 1,150,000	Vermont	350,000
Massachusetts	(c) 2,846,670	Virginia	(e) 1,750,000
Michigan	(f) 2,350,000	Washington	500,000
Minnesota	1,950,000	West Virginia	1,000,000
Mississippi	1,645,000	Wisconsin	2,208,900
Missouri	3,750,000	Wyoming	90,000
Grand Total, January 1, 1900			79,418,444

(a) White population 35,000, native 30,000. (b) By the Secretary of the Board of District Commissioners. (c) By Census Department of Massachusetts. (d) Estimated for the Governor by the Department of Agriculture. (e) By the Educational Dept. (f) By the Secretary of State.

For the Indian Territory, of which a separate census has been made, 180,132 may be added.

Lawn Tennis Records.

THE NATIONAL CHAMPIONSHIPS, 1899.

THE National Championship Lawn Tennis Tournament was held according to custom at the Newport (R. I.) Casino from August 15 to 23.

Malcolm D. Whitman successfully defended the title of national champion which he won in 1898. He also established an enviable record by passing through the entire season without a defeat.

The championship doubles were played in two sections, Eastern and Western, the winners meeting at Newport to decide the national championship. D. F. Davis and H. Ward won the Eastern section at Longwood during the week of July 24, easily winning from C. R. Budlong and Beales C. Wright, 6—4, 6—2, 6—2. The Western section of the tournament was played at the Kenwood Country Club, Chicago, July 8 and succeeding days, where there was the unusually large entry list of sixty-seven players. H. H. Hackett and J. A. Allen defeated L. H. Waidner and W. L. Myers, 6—2, 6—3, 6—2 in the finals.

The winners of the East, D. F. Davis and H. Ward, and the winners of the West, H. H. Hackett and J. A. Allen, met at Newport. The Eastern pair won in a well-played match, 3-6, 6-3, 6—3, 6-1, and as L. E. Ware and G. P. Sheldon, Jr., champions of 1898, were unable to defend their title, Davis and Ward became champions for 1899 by default.

The Women's National Championships were held at Philadelphia during the week of June 21. Miss Marion Jones, of San Francisco, won the single championship by default from Miss Juliette Atkinson, after defeating Miss Banks in the final round, 6-1, 6-1, 7-5. Miss Jones easily outclassed the other competitors, passing through the various rounds without losing a single set. Miss Craven and Miss McAteer won the championship in doubles over Miss Rastall and Miss Banks, 6—1, 6—1, 7—5. Miss Rastall and Mr A. L. Hoskins, of the Belmont Cricket Club, won the championship in mixed doubles by defeating Miss Craven and Mr. Gardner, 6—4, 6—0, default.

NATIONAL CHAMPIONS, 1899.

America—Singles. M. D. Whitman. Doubles, D. F. Davis and Holcomb Ward. Women's Singles, Miss Marion Jones. Women's Doubles Miss McAteer and Miss Craven. Mixed Doubles, Miss Rastall and Mr A. L. Hoskins. Interscholastic, Beales C. Wright. Intercollegiate—Singles, D. F. Davis (Harvard): Doubles, D. F. Davis and Holcomb Ward (Harvard).

Canada—Singles, M. D. Whitman. Doubles, M. D. Whitman and B. C. Wright. Women's Singles, Miss V. Summerhayes.

England—Singles, R. F. Doherty Doubles, R. F. Doherty and H. L. Doherty. Women's Singles, Miss Hillyard (5th time). Women's Doubles, Miss Hillyard and Miss Steedman.

Ireland—Singles, R. F. Doherty. Doubles, Riseley brothers.

SECTIONAL CHAMPIONS IN SINGLES, CUP HOLDERS AND OPEN TOURNAMENT WINNERS, 1899.

Southern (champ.)—J. C. Davidson.
District of Columbia (champ.)—J. C. Davidson.
New England (champ.)—A. E. Forte (wins the cup 94-96-99).
Hudson River (champ.)—C. S. Bott.
Middle States (champ.)—M. D. Whitman.
Western (champ.)—C. B. Neel (wins cup 94-95-99).
Western (women's champ.)—Miss J. Atkinson.
Maine (champ.)—H. H. Hackett.
Massachusetts (champ.)—M. D. Whitman.
Rhode Island (champ.)—C. R. Budlong.
New York (champ.)—M. D. Whitman.
New Jersey (champ.)—Richard Stevens.
Pennsylvania (champ.)—Dr R. N. Wilson.
Virginia (champ.)—M. A. Agelasto.
Pacific Coast (women's champ.)—Miss Marion Jones
Pacific Coast (champ.)—George F. Whitney
Canada (champ.)—M. D. Whitman.
Canada (women's champ.)—Miss V. Summerhayes.
Niagara (international)—R. D. Little.
Niagara (international women's)—Miss Parker.
Chicago (invitation)—W. S. Bond.
Metropolitan (champ.)—E. P. Fischer.
Southampton (invitation)—M. D. Whitman.
Interscholastic (Columbia)—W. C. Grant (Tutor).
Interscholastic (Harvard)—B. C. Wright (Hopkinson, Boston).
Interscholastic (Princeton)—M. Thompson (Lawrenceville, Pa.).
Interscholastic (Yale)—H. Miller (Hotchkiss, Lakeville).
Interscholastic (Maine)—S. Bradford (Thornton).
Interscholastic (Missouri)—George Adams (Smith, St. Louis).
Intercollegiate (Maine)—Mr. Summerbell (Bates).

SECTIONAL CHAMPIONS IN DOUBLES AND OPEN TOURNAMENTS, 1899.

Canadian (champ.)—M. D. Whitman and Beales C. Wright.
District of Columbia (champ.)—J. C. Davidson and J. P. Paret.
Eastern (champ.)—D. F. Davis & Holcomb Ward.
Hudson River (champ.)—C. S. Bott and C. D. Millard.
Intercollegiate (Maine)—Dana & Dana (Bowdoin).
Interscholastic (Maine)—Sibly and Harris (Portland High).
Metropolitan (champ.)—H. H. Hackett and J. A. Allen.
Middle States (champ.)—D. F. Davis and Holcomb Ward.
New England (champ.)—H. H. Hackett and J. A. Allen.
New Jersey (champ.)—W. A. Larned and E. P. Larned.
New York (champ.)—J. P. Paret and R. D. Little.
Pacific Coast (champ.)—Samuel Hardy and Sumner Hardy.
Pennsylvania (champ.)—R. N. Wilson and J. R. Carpenter, Jr.
Southern (champ.)—J. C. Davidson and J. P. Paret.
Western (champ.)—H. H. Hackett & J. A. Allen.
Western (women's champ.)—Misses C. B. Neely and Maud Banks.

RANKING FOR 1899.

The following committee, James Dwight, E. P. Fischer, and D. F. Davis, at a meeting held in Boston Nov. 17, 1899, decided the ranking for 1899 to be in order named:

Over 1-6 of 15—M. D. Whitman. Scratch—Dwight F. Davis, William A. Larned. 2-6 of 15—J. P. Paret, Kreigh Collins, G. L. Wrenn, Jr., L. E. Ware, B. C. Wright, Holcomb Ward, R. P. Huntington, R. Stevens, E. P. Fischer, J. A. Allen. 4-6 of 15—S. C. Millett, W. S. Bond, R. D. Little, H. H. Hackett, E. R. Marvin, C. R. Budlong. 15—J. C. Davidson, A. Codman, R. McKittrick, E. P. Larned, W. J. Clothier, N. H. Mundy. 15 and 2-6—K. Horton, J. R. Carpenter, H. E. Avery, W. C. Grant, Storer Ware, A. C. MacMaster.

The Ostermoor Patent Elastic Felt Mattress, $15,

is making new friends every day; you should see their letters—we will mail you copies of some if you will ask for them.

"SENT ON SUSPICION."

Sleep on it 30 Nights and if it is not even all you have hoped for, if you don't believe it to be the equal in cleanliness, durability, and comfort of any $50 hair mattress ever made, you can get your money back by return mail—"no questions asked."

Send for Our Book, "THE TEST OF TIME," *whether you need a mattress now or not. It will interest you to know about the Best and Cheapest Mattress in the world.*

2 feet 6 inches wide, 25 lbs., -	$8 35	All 6 Feet 3 Inches Long.
3 feet wide, 30 lbs., - -	10 00	
3 feet 6 inches wide, 35 lbs., -	11 70	
4 feet wide, 40 lbs., - -	13 35	
4 feet 6 inches wide, 45 lbs., -	15 00	

Made in two parts, 50c. extra. Express charges prepaid EVERYWHERE.

TAKE CARE! There is not a single store in the country that carries our mattress; almost every store now has an imitation so-called "felt," which is kept in stock to sell on our advertising. Our name and guarantee on every mattress. Can be bought only by mail or in person of

OSTERMOOR & COMPANY, 112-116 Elizabeth St., New York.

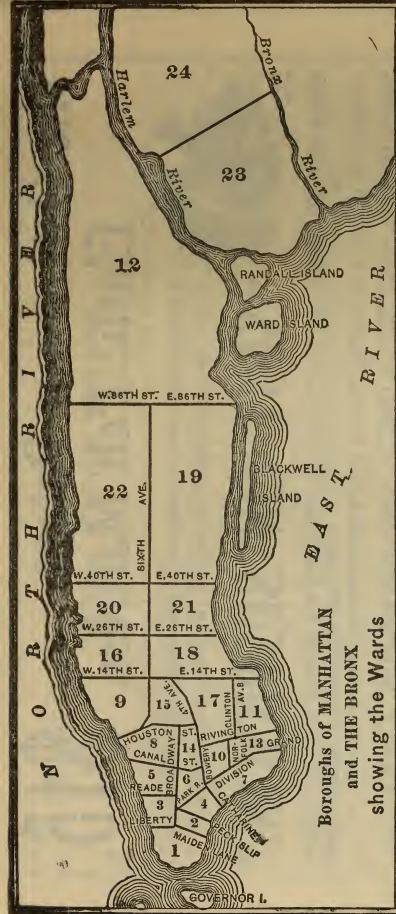
We have cushioned 25,000 Churches. Send for our book, "Church Cushions."

SEYMOUR, JOHNSON & CO.,

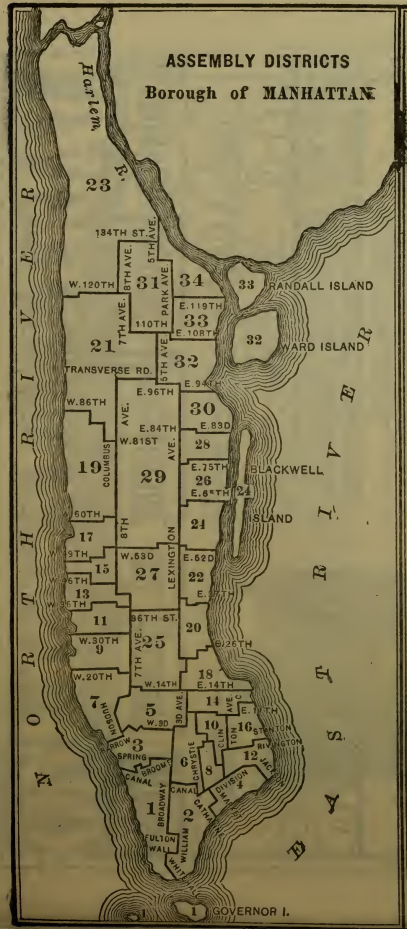
Empire Building,

71 Broadway, - - New York.

HENRY A. SEYMOUR,
FREDK. W. JOHNSON, } Members of New York Stock Exchange.
JOHN H. ROBERTSON,
J. M. FORTIER, } Members of New York Cotton Exchange.


NORTH RIVER
EAST RIVER
Harlem River
Bronx River
24
23
12
RANDALL ISLAND
WARD ISLAND
BLACKWELL ISLAND
W.86TH ST.
E.86TH ST.
22
19
SIXTH AVE.
W.40TH ST.
E.40TH ST.
20
21
W.26TH ST.
E.26TH ST.
16
18
W.14TH ST.
E.14TH ST.
9
15
17
11
5TH AVE.
HOUSTON
ST.
14
13
GRAND
CANAL
BROADWAY
RIVINGTON
BOWERY
CLINTON
NORFOLK
AVE. B
10
DIVISION
6
5
READE
AVE. C
7
3
4
LIBERTY
2
MAIDEN LANE
FULTON
1
GOVERNOR I.
Borough of MANHATTAN
and THE BRONX
showing the Wards

Borough of BROOKLYN
showing the Wards
NEW YORK BAY
Newtown Creek
17
W.14TH
WEEKER AVE.
14
GRAND
UNION
15
18
RODNEY
BUSHWICK
13
TEN EYCK
16
DIVISION
19
FLUSHING
27
BROADWAY
STOCKHOLM
2
5
BRIDGE
CANOE
4
1
FULTON
FORT HAMILTON
11
21
LAFAYETTE
28
CLINTON
WASHINGTON
7
BEDFORD
6
COURT
3
BERGEN
23
UTICA
REID
25
MILTON
10
1ST
4TH
ATLANTIC
12
4TH PL.
5TH
9
ATLANTIC
24
UNION
FLATBUSH
FRANKLIN
East New York
22
PROSPECT
5TH AVE.
Prospect Park
26
20TH
Greenwood Cemetery
OCEAN
29
8
COUNTY
OCEAN PARKWAY
Flatbush
60TH
HAMILTON AVE.
Ft.
Canarsie
West Brooklyn
Kensington
Bay Ridge
Blythebourne
Canarsie Landing
FOSTER
Parkville
30
Flatlands
32
Mapleton
Fort Hamilton
New Utrecht
JAMAICA BAY
Garrissens Creek
22D AVE.
Bath Beach
Bensonhurst
Gravesend
23D AVE.
Unionville
31
Sheepshead Bay
Gravesend Bay
CONEY ISLAND
ATLANTIC OCEAN


ASSEMBLY DISTRICTS
Borough of MANHATTAN
Harlem R.
NORTH RIVER
EAST RIVER
BAY
134TH ST.
5TH AVE.
8TH AVE.
7TH AVE.
PARK AVE.
W.120TH
E.119TH
110TH
E. 110TH
3RD AVE.
TRANSVERSE RD.
E.96TH
E.94TH
W.86TH
E.84TH
E.83D
W.81ST
COLUMBUS AVE.
LEXINGTON AVE.
E.75TH
E.6TH
W.60TH
W.53D
E.52D
W.43D
36TH ST.
W.30TH
E.26TH
W.20TH
W.14TH
E.14TH
W.3D
BROADWAY
CANAL
FULTON
WALL
WILLIAM
PINE
CHERRY
DIVISION
ROOSEVELT
MONROE
SPRING
BROOME
ESSEX
ORCHARD
RIVINGTON
JAY
RANDALL ISLAND
WARD ISLAND
BLACKWELL ISLAND
GOVERNOR I.

ASSEMBLY DISTRICTS
Borough of BROOKLYN
NEW YORK BAY
Newtown Creek
MEEKER
GRAND
JEFFERSON
CENTRAL
EVERGREEN
BROADWAY
FLUSHING
LAFAYETTE
DECATUR
Navy Yard
FULTON
BERGEN
COURT
HICKS
WASHINGTON
BEDFORD
ATLANTIC
FRANKLIN
FLATBUSH
PROSPECT
4TH FL.
1ST ST.
5TH AVE.
7TH AVE.
Prospect Park
East New York
Flatbush
Canarsie
Canarsie Landing
Fresh Creek
Flatlands
FOSTER AVE.
Kensington
West Brooklyn
Bay Ridge
Blythebourne
Parkville
Mapleton
Fort Hamilton
New Utrecht
Bath Beach
Bensonhurst
Gravesend
Unionville
Gravesend Bay
Sheepshead Bay
CONEY ISLAND
JAMAICA BAY
ATLANTIC OCEAN

Every Book-keeper and Business Man

SHOULD POSSESS A COPY OF

Goodwin's Improved Book-keeping and Business Manual

BECAUSE, whoever admires and profits by good, solid, crisp, valuable common sense cannot fail to derive benefit from and appreciate the contents of this GREAT WORK.

USEFUL. In short, anything which we **make use of** is valuable to us. We derive benefit from it or we would not use it. This book is absolutely the only one of the kind that is made use of on the desk of the proprietors of the largest mercantile institutions of the world; it is the only work of the kind that is universally used by expert accountants as a book of reference; it is the only work of the kind which is recognized as the standard authority among book-keepers as a guide over knotty book-keeping problems; it is the only work from which any person of ordinary intelligence can obtain a thorough knowledge of Double Entry Book-keeping without the aid of a teacher in two to six weeks' time, and is positively the only work that represents book-keeping exactly as it is practised in the leading business houses of the country. **USEFUL.**

"A 1 Houses" of New York City should know something about good book-keeping: and good book-keepers, everywhere, should know something about how books are kept in "A 1 Houses."

There is no easier or cheaper way to get this information than to secure a copy of **Goodwin's Improved Book-keeping and Business Manual.** It isn't some "smart teacher's" idea of how books OUGHT TO BE KEPT, but it is a business man's description (fully illustrated) of how books ARE KEPT, and that, too, in the greatest commercial centre of America! For instance, in the department of the book devoted to "A 1 Houses," the author selected nineteen of the leading wholesale and retail establishments of New York City, and secured special permission to illustrate in detail the various methods of keeping and checking accounts. Here are a few of the titles of the subjects treated in this one department:

Department Sales, Entry and Bill Clerks, Salesmen, Entering Department, Shipping Cards, Transfer Journal, Salesman's Commission Book, Individual Cash Book, Purchase Journal, Abstract-sheet Method, Sales-checks, Summary-checks, Cashier's Coupon, Parker's Coupon, Charge Department, Credit Department, C. O. D. Sales, M. O. D. Sales, Clerk's Sales-book, Clerk's Abstract Book, Department Sales-book, Department Ledger, Proving Sales-checks, the Register-sheet Method, the Register Book Method, Retail Sales-ledger, Proof-ledger.

The explanations are very complete. Any book-keeper who hopes to obtain a situation in a large wholesale or retail house, or any person who is in any way connected with such a house, will find this department of inestimable value to him. Other departments are equally good. The man who knows nothing about the subject can learn from this book better than from any other, for the reason that he will begin at once to learn how REAL books are kept in REAL mercantile and REAL manufacturing establishments. This work contains a complete course in BOOK-KEEPING. It begins at the very beginning, and ends when there is othing left to explain or describe.

Here are the Titles of a Few of the Departments:

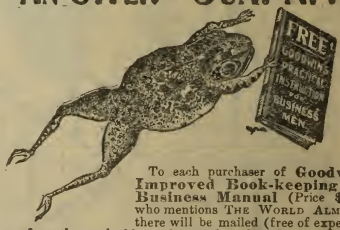
1—Saving of Labor. 2—Stock Companies. 3—Short Calculation. 4—Travelling Expenses. 5—Averaging Accounts. 6—Commission Business. 7—Examples for Practice. 8—Comparative Statement. 9—Manufacturing Business. 10—Hints for Business Men. 11—Advanced Double Entry. 12—Partnership Settlements. 13—Complete Course for Beginners. 14—Perpetual Proof of Ledger Accounts. 15—Shortest Interest Rule in Existence. 16—Detection of Errors in Trial Balances. 17—Directions for Opening and Closing Books.

This book is beautifully printed in colors and richly bound. Some idea of its immense success can be gathered from the fact that up to Wednesday, November 1, 1899, there have been sold 55,454 copies of this work. The Nineteenth Edition, published April, 1899, NOW READY.

PRICE—THREE DOLLARS.

Postage free to any address in the world. All orders filled the same day they are received.

AN OFFER TO JUMP AT!



To each purchaser of **Goodwin's Improved Book-keeping and Business Manual** (Price $3.00), who mentions THE WORLD ALMANAC, there will be mailed (free of expense) a copy of another valuable book, entitled **Goodwin's Practical Instruction for Business Men,** the regular price of which is $1.00. This latter book

Contains the Following Articles, viz.:

Detecting Counterfeit Money.—An extended and valuable article on DETECTING COUNTERFEIT MONEY, so complete that, after having read the article thoroughly, spurious notes may be detected AT SIGHT. EXPERTS CHARGE $10.00 FOR INSTRUCTION NOT SO COMPLETE AND THOROUGH AS THIS!

Clearing-Houses.—Fully explaining the management and operation of Clearing-Houses in the larger cities. An interesting subject, of which very few business men know anything.

Business Law for Business Men.—Treating thoroughly the following important subjects, viz.: The Law of Contracts, Bills of Exchange, Promissory Notes and Checks, the Law of Partnership, Limitations, Carriage of Goods, Receipts, and Releases—

And Many Other Equally Valuable Articles.

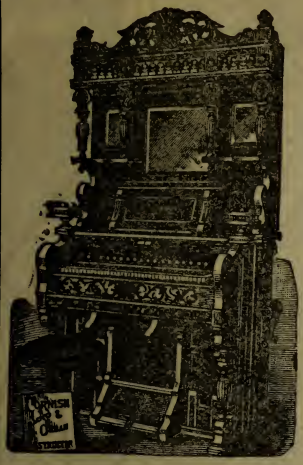
THIS SPECIAL OFFER applies only to THIS PARTICULAR ADVERTISEMENT and it WILL POSITIVELY BE WITHDRAWN **thirty days after sight!** ☞ Send in your order **at once.**

Address all Orders Exactly as Follows: **J. H. GOODWIN,** **Room 574, 1215 Broadway, NEW YORK.**

ONE YEAR'S FREE TRIAL

BRIGHTEN YOUR HOME WITH
THE CELEBRATED CORNISH AMERICAN PIANOS & ORGANS

Send for particulars of the CORNISH CO-OPERATIVE PLAN showing how you can make money working for us, or get a CORNISH PIANO OR ORGAN FREE.



WE WILL SHIP A CORNISH PIANO OR CORNISH ORGAN ANY WHERE UPON THE DISTINCT UNDERSTANDING THAT IF IT IS NOT SATISFACTORY TO PURCHASER AFTER 12 MONTHS' USE WE WILL TAKE IT BACK.

Could anything be more fair, anything more liberal, anything more conclusive of our faith in these instruments?

The Unique Cornish Plan of Selling Pianos and Organs

has spread over the entire civilized world and has been the means of building up a business the vastness of which is the envy of every piano maker and dealer in existence

OVER A QUARTER OF A MILLION SATISFIED CUSTOMERS

attest the honesty of this modern method of piano selling. It would have been impossible to build up this business unless the plan was backed up by the strongest evidence of our responsibility

WE WARRANT OUR PIANOS AND ORGANS FOR 25 YEARS.

Back of that warranty is a business worth over **a million dollars** and a business experience extending over fifty years as makers of high-grade instruments.

The Cornish Patent Musical Attachment

For Pianos imitates accurately nearly every known stringed instrument, such as Harp, Banjo, Guitar, Zither, Mandolin, etc., while the famous patent Combination Multitone Reed Actions make the CORNISH Organs unequalled in tone—the power of a full orchestra being most successfully reproduced.

FREE Our Souvenir Catalogue for 1900 is one of the most comprehensive musical books in the trade. It is handsomely printed in colors. The frontispiece is a masterly reproduction in fac-simile of an interesting oil painting, designed and executed for us by an eminent artist, representing **Saint Cecilia and the Angelic Choir.** This beautiful catalogue is sent, charges postpaid, together with a novel reference book, entitled **"The Heart of the People,"** together with our latest special offer, etc. The catalogue describes in detail all our pianos and organs.

A prompt response to this advertisement will secure a DISCOUNT of **$10** on the list prices as quoted in our 1900 Catalogue on any **CORNISH ORGAN** or **$20** on the list price if you buy a **CORNISH PIANO.**

ORGANS FROM **$25.**

CORNISH & CO.
ESTABLISHED 50 YEARS.
WASHINGTON, N.J.

PIANOS FROM **$155.**

CHARTER { Parlor Cars for Trolley Parties. / Delightful Excursions } $15 TO $25

Brooklyn Rapid Transit Company controls Brooklyn Heights Railroad Company Brooklyn City Railroad Company Brooklyn, Queens County, and Suburban Railroad. Brooklyn Union Elevated Railroad, Kings County Elevated Railroad Sea Beach Railway Company Sea View Railroad Company Nassau Electric Railroad, Prospect Park and Coney Island Railroad (Culver Route), Brooklyn and Brighton Beach Railroad.

Executive Offices, Montague and Clinton Streets, Brooklyn, N. Y.

RESORTS REACHED.—CONEY ISLAND (WEST END), BRIGHTON BEACH, MANHATTAN BEACH, SHEEPSHEAD BAY, CANARSIE, SEA GATE, GRAVESEND AND BRIGHTON BEACH RACE COURSES AND CONEY ISLAND JOCKEY CLUB, BATH BEACH, BERGEN BEACH, BOWERY BAY, NORTH BEACH, FORT HAMILTON, ULMER PARK, AMBROSE PARK, BENSONHURST, EASTERN PARK, PROSPECT PARK, FOREST PARK, NAVY YARD, GLENDALE PARK, AND RIDGEWOOD PARK.

CEMETERIES REACHED.—ST. JOHN'S, CALVARY, GREENWOOD, EVERGREENS, CYPRESS HILLS, MOUNT OLIVET, LUTHERAN, HOLY CROSS, WASHINGTON, AND UNION FIELDS.

Manhattan Elevated and Third Avenue

SURFACE RAILROAD SYSTEMS.

Fare, Including Transfer, 8 Cents.

SIXTH AVENUE LINE.

WEST SIDE CONNECTIONS WITH THE THIRD AVENUE (SURFACE) RAILROAD SYSTEM.

STATIONS.	
Franklin St.	West to Franklin, Desbrosses, Chambers, Barclay and Cortlandt St. Ferries, N. R. East to Grand St., E. R.
Grand St.	West to Desbrosses, Franklin, Barclay, Chambers and Cortlandt St. Ferries, N. R. East to Grand, 10th and 23d St. Ferries, E. R
42d St.	West to West Shore Ferry, N R., and West to Broadway. North to Fort Lee Ferry and via Amsterdam Ave. to Fort George. East to 42d St., E. R., and 34th St., E. R. (L. I. R. R.).
53d St.	North to Boulevard and Fort Lee Ferry. N. R., and Amsterdam Ave to Fort George. South on Boulevard and 42d St., connecting East and North Rivers.
66th St.	Boulevard line to Fort Lee, N. R., and Amsterdam Ave. to Fort George. South, Boulevard line to 42d St. E R., and 34th St., E. R. (L. I. R. R.)
125th St.	West to Fort Lee Ferry N R., North to Fort George. East to 125th St. and 3d Ave. and E. R. and via St. Nicholas Ave. to 110th St., 3d Ave. and E. R.
135th St.	East to 138th St. and 3d Ave. and Bronx District.
155th St.	East to 161st St. and 177th St., 3d Ave. and Bronx District. North, Jerome Ave. to Woodlawn.

NINTH AVENUE LINE.

Cortlandt St.	West to Pennsylvania and Jersey Central Ferries. N. R.
Franklin St.	West to Franklin and Desbrosses St. Ferries, N. R. East to Grand St. Ferry, E R.
Desbrosses St.	West to Desbrosses St. Ferry, N. R. East to Grand, 10th and 23d St. Ferries, E. R.
42d St.	West to West Shore Ferry, N R. North, 10th and Amsterdam Ave. to Fort George and Boulevard line to Fort Lee Ferry, N. R. East to 42d St., E. R., and 34th St., E. R. (L. I. R. R.)
66th St.	North, Boulevard line to Fort Lee Ferry, N. R. and Amsterdam line to Fort George South, Boulevard line to 42d St., E. R., and 34th St. E. R. (L. I. R. R.).
125th St.	West to Fort Lee Ferry, N. R., North to Fort George. East to 125th St. and 3d Ave. and E. R., and via St. Nicholas Ave. to 110th St., 3d Ave and E. R.
135th St.	East to 138th St. and 3d Ave and Bronx District.
155th St.	East to 161st St. and 177th St., 3d Ave. and the Bronx District. North, Jerome Ave to Woodlawn.

SECOND AVENUE LINE.

EAST SIDE CONNECTIONS WITH THE THIRD AVENUE (SURFACE) RAILROAD SYSTEM.

Chatham Square J'c't.	East to Grand, 10th and 23d St. Ferries. E R.
Canal St.	West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St Ferries. N R. East to Grand St. Ferry. E. R.
Grand St.	West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries. N. R. East to Grand, 10th and 23d St. Ferries, E. R.
14th St.	East to 14th St., E. R., and 10th and Grand St. Ferries, E. R.
42d St.	East to E. R. and 34th St. (L. I. R. R.) Ferry. West to West Shore Ferry, N. R.
111th St.	East via 110th St. to E. R. and West via 110th St. and St. Nicholas Ave. to Fort Lee Ferry N R.

THIRD AVENUE LINE.

Chatham Square J'c't.	East to Grand, 10th and 23d St. Ferries, E. R.
Canal St. Grand St.	West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries, N R. East to Grand St. Ferry, E. R.
42d St.	West to West Shore Ferry, N. R. East to 42d St., E. R., and 34th St. (L. I. R. R. Ferry).
106th St.	Via 110th St., St. Nicholas Ave. to Fort Lee Ferry. N. R., East to 110th St., E. R.
125th St.	West to Fort Lee Ferry and Fort George and East to E. R.
133d St.	East to Unionport and Bronx District.
138th St.	West to 135th St. and 8th Ave. and East to Port Morris and Bronx District.
149th St.	East to Southern Boulevard and Bronx District. West via Melrose Ave. and 161st St. to High Bridge.
161st St.	West to Jerome Ave. to High Bridge. East to Unionport, Westchester and Bronx District.
177th St.	West to Jerome Ave., East to Unionport, Westchester and Bronx District.

WHERE TO GET THE BEST OF EVERYTHING.

THE WORLD ALMANAC ADDENDA.

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Abdominal Supporters, Trusses, Crutches, and Elastic Stockings.
A. J. DITMAN,
2 Barclay St.,
New York.

Abdominal Supporters—POMEROY COMPANY, Surgical Appliances, 17 Union Square West, Broadway, cor. 15th St., New York. Telephone, 2312 18th St. Specialties—The Pomeroy Frame Truss, the "Master" Elastic Stocking, Supporting Belts, "Made to Fit."

Accountant.
LYMAN S. ANDREWS,
Accountant and Auditor.
Surrogates' accountings a specialty.
214 Broadway, New York City.

Accountants.
BROAKER & CHAPMAN,
Certified Public Accountants,
150 Nassau Street,
New York.

Account Books—PERPETUAL ACCOUNT BOOK CO., 206 Centre St., New York, manufacturers of Climax Security Binder, 20th Century Files, Empire Invoice Book, Eureka Adjustable Index Tabs, Climax Corrugated Sheets for all binders.

Accounting Systems, for mercantile and manufacturing establishments, giving "perpetual" profit and loss statements and "going" balance sheets. Completest showings; cheapest to operate. ACCOUNT, AUDIT, AND ASSURANCE CO., Ltd., 25 Pine St., New York.

Addressing.
Rapid Addressing Machine Co.,
Dun Building,
290 Broadway,
New York.

Advertising-Writing, Advertising-Printing, Advertising-Illustrating—VECHTEN WARING, 100 William St., N. Y., advertising campaigns outlined, busy men helped in compiling catalogues and price lists, artistic and forceful arrangement of types, real effects in illustrating.

Agricultural Implements—J. S. WOODHOUSE, 191 Water St., N. Y. Plows, Cultivators, Baling Presses, Hay Cutters, Horse Carts, Corn Shellers, Grinding Mills, Lawn Rollers, Incubators and Brooders, Brick Machinery, Fanning Mills, Manure Spreaders, etc.

Ale.
ALLSOPP'S is the only English Ale and Stout bottled by the Brewers.
New York Office, 45 Broad St.
Telephone, 824 Broad.

Artesian Wells.
PHILLIPS & WORTHINGTON, Contracting Engineers. Drilled and Driven Wells, Foundation Borings, Drainage, Diamond Drill, Core Work, and Complete Water Works, by contract or franchise. Washington Building, 1 Broadway, New York. Telephone, 1918 Broad.

"Artificial Human Eyes"—Made to order. Large stock on hand. Supply all eye infirmaries of Greater New York and vicinity. Terms reasonable. Write for particulars. Established 1853. MAGER & GOUGELMANN, 104 E. 12th St., N. Y.

Artificial Limbs—C. A. FREES, 853 Broadway, N. Y. (cor. 14th St.), manufacturer of Artificial Limbs of the latest and most approved patents; also appliances for shortened, deformed, and paralyzed limbs. Thousands in use. Catalogue free.

Asbestos Materials—R. M. Gilmour Mfg. Co. Asbestos Materials, Standard Hair Felts and Mineral Wool, Asbestos and Magnesia Pipe Coverings, Cements, Fibres, Board, Sheathings, Paper, Packings, Paints, Roofing, for sale or applied. 84 John St., New York.

Assayers and Chemists—Ricketts & Banks, Assays and Analyses of Ores, Minerals, Metals, Waters, and other materials. Examinations of mineral properties and mines. Tests of ores to determine best method of treatment. 104 John St., N. Y.

Auctioneers (Real Estate)—RICHARD V. HARNETT & CO., Auctioneers and Real Estate Brokers, 71 and 73 Liberty St., N. Y. Cable address "Harnett," New York. Tel., 1204 Cortlandt.
Richard V. Harnett. Henry W. Donald.

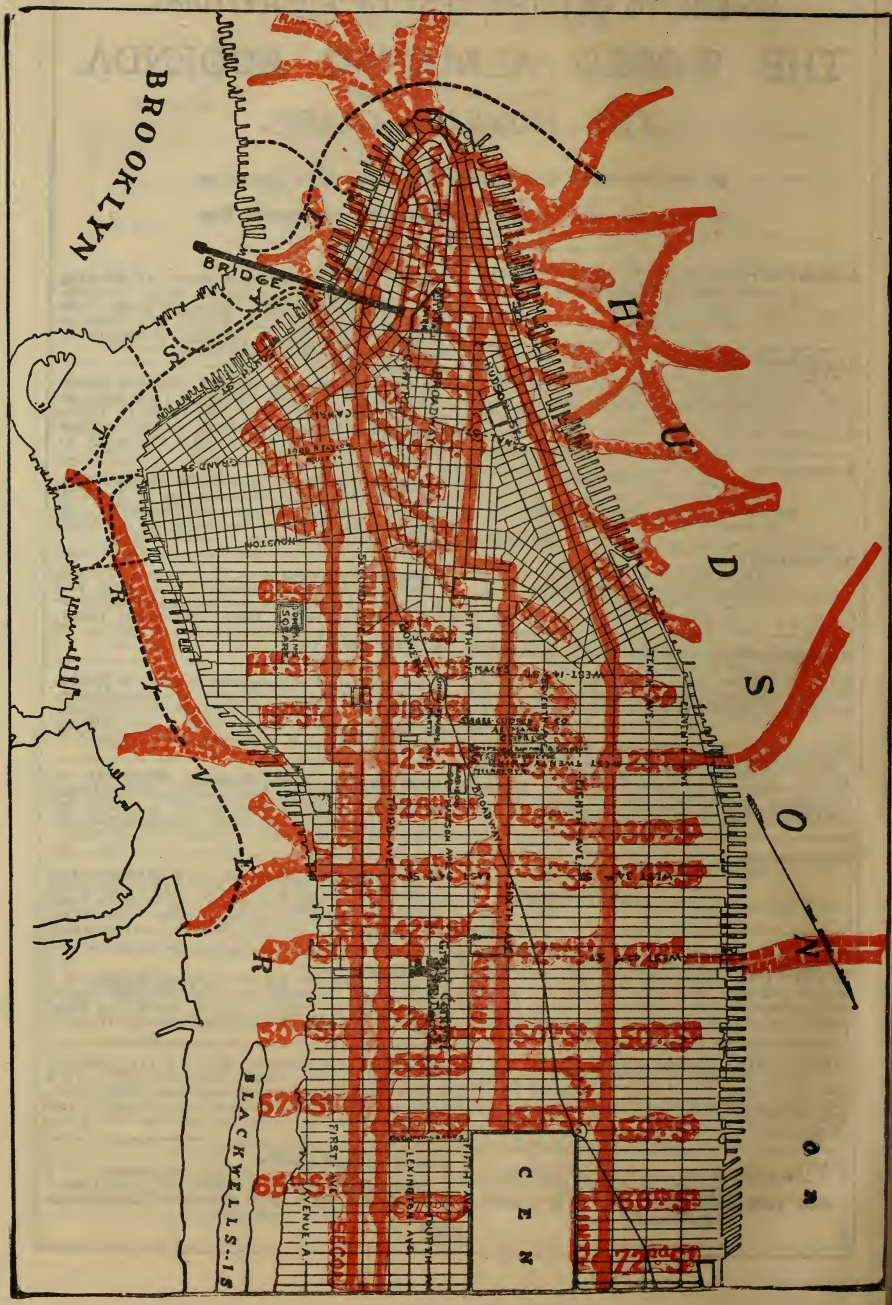
Autographic Registers and Manifolding Devices—THE AUTOGRAPHIC REGISTER CO., of N. Y. Main Office, 343 Canal St., New York City. Branches in all principal cities. Send for estimates on labor-saving devices; our advice gratis.

Awnings.
JOHN SULLIVAN & SON, 356 Hudson St., New York, Manufacturers of Awnings, Tents, and Flags; Waterproof Horse, Truck, and Merchandise Covers. Waterproofing for the trade.

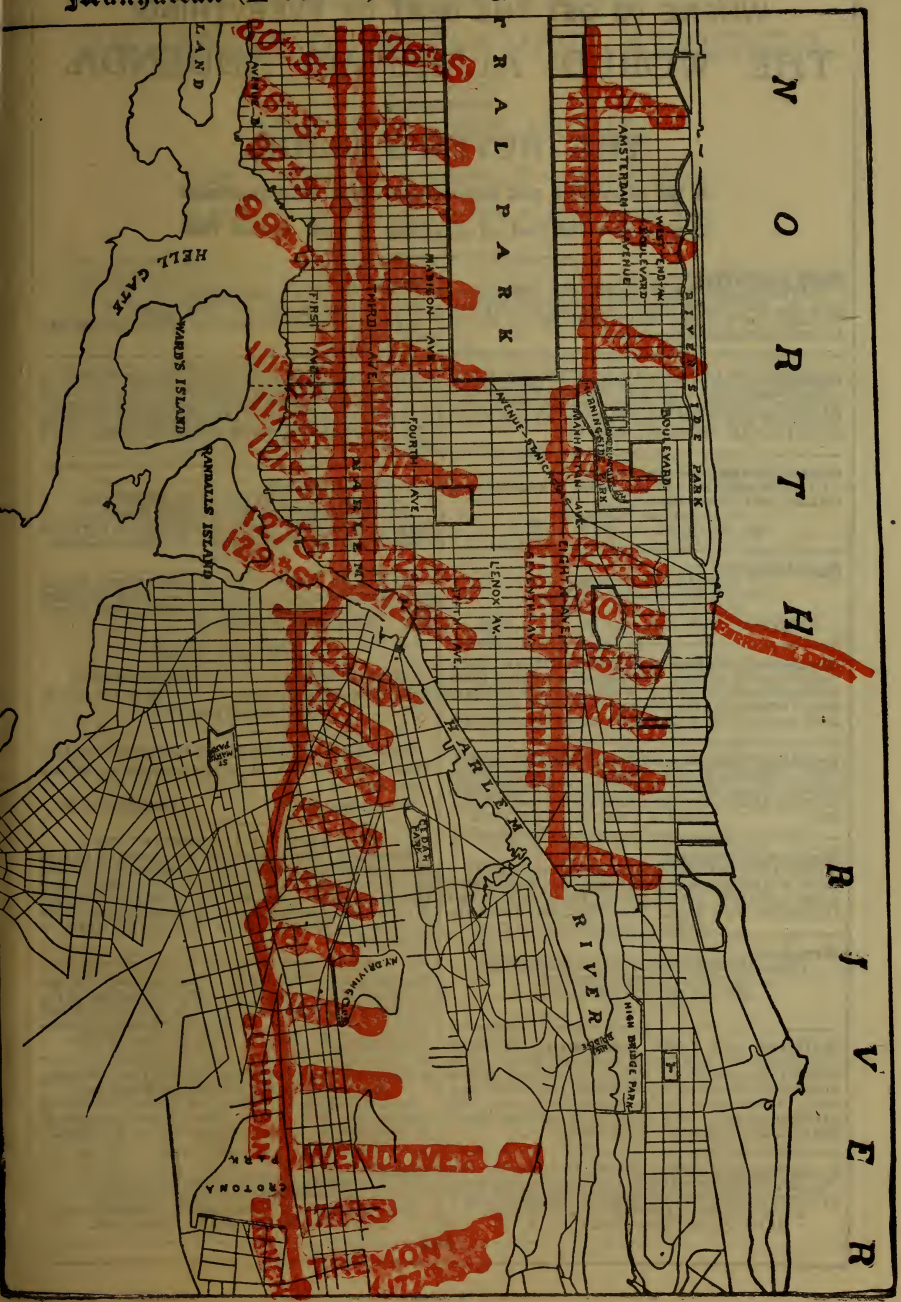
Bankers—REDMOND, KERR & CO., Bankers, 41 Wall St., New York. Members of New York Stock Exchange. Transact a general banking business. Deal in high-grade investment securities. Philadelphia correspondents: Graham, Kerr & Co.

Barrels and Casks.
J. COSGROVE & SON, Cooperage,
154-156 Maiden Lane, near Front St., New York.
Barrels and Casks, Half Barrels and Kegs Bought and Sold.

Manhattan (Elevated) Railway System.


BROOKLYN
BRIDGE
HUDSON
RIVER
BLACKWELLS ISLAND
CENTRAL PARK
FIRST AVE.
SECOND AVE.
THIRD AVE.
LEXINGTON AVE.
FOURTH AVE.
FIFTH AVE.
SIXTH AVE.
SEVENTH AVE.
EIGHTH AVE.
NINTH AVE.
TENTH AVE.
ELEVENTH AVE.
WEST 14TH ST.
WEST 23RD ST.
WEST 34TH ST.
WEST 42ND ST.
WEST 50TH ST.
WEST 57TH ST.
WEST 65TH ST.
WEST 72ND ST.
HOUSTON
CANAL
CHAMBERS
DUANE
CHAPPAQUA
CHATHAM SQUARE
BOWERY
GRAND
CANAL
LITTLE FALLS

Manhattan (Elevated) Railway System.—*Continued.*



WHERE TO GET THE BEST OF EVERYTHING.

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Bath Cabinets.
IRWIN MANUFACTURING CO., 123 Chambers St., New York. Most complete line Vapor, Turkish, or Thermal Bath Cabinets in world. Liberal commission to agents.

Bicycles—WILLIS PARK ROW BICYCLE CO. Bicycles, Bicycle Tires, and Sundries of every description. Small profit and quick sales our motto. Wholesale and retail. Store: 23 Park Row; retail store, 110 to 116 Nassau St., near Ann.

Blank Books and Printing.
JOHN CASSIDY, Blank Book Manufacturer, Printer, and Lithographer.
Stationery at Wholesale.
221-225 Fulton St., New York.

Bookbinding.
Plain and Artistic,
In all Varieties of Leather.
HENRY BLACKWELL,
University Place, cor. 10th St., N. Y. City.

Books and Stationery—Books sent to all parts of the world by mail. Delivery guaranteed. Send for free monthly bulletin. Writing Papers, Engravings, Periodicals, French and German Books. Brentano's, N. Y., Chicago, Washington, and Paris.

Bottlers' Supplies—Budde & Westermann, Est. 1872.—Bottles, Flasks, Demijohns, Corks, Caps, Labels, Cases, Straw Covers, Foil, Faucets, etc.; Bottling Machinery; Bar Glassware, Hotel China, etc. 50 and 52 Vesey St., New York.

Brass and Copper.
U. T. HUNGERFORD BRASS & COPPER CO. Brass and copper in sheets, tubes, wire, rods, rivets, tacks, nails, etc. 121 Worth St., between Elm and Centre Sts., New York. Telephone, 2144 Franklin.

Brushes.
HOLLINGSWORTH, KIP & ERSKINE,
Manufacturers of Brushes,
447 and 449 Greenwich St.,
New York.

Building and Loan Association—HOMES purchased for small cash payment, balance paid monthly same as rent. MORTGAGES paid off and additional advances made where conditions warrant. Investment shares paying 5 and 6 per cent dividends issued. New York Building-Loan Banking Co., 111 Fifth Ave., New York.

Cameras and Lenses—Kodaks, Premos, Pocos, and a number of other makes always on hand at lowest prices. Send stamp for "Bargain List."
NEW YORK CAMERA EXCHANGE,
114 Fulton St., New York City, N. Y.

Candy.
LOFT & CO.,
54 Barclay St., New York.
Manufacturing Confectioners, for home and export trade.

Carpenter—J. H. ADAMSON, Carpenter, B'ld'r, Cabinet Maker, and General Woodworker, 57 Ann St., N. Y. Orders received and promptly executed in every branch of the building line. Jobbing attended to and estimates cheerfully given. Tel., 1438 Cortlandt.

Carpet Cleaning.
CAREFUL CARPET CLEANING CO.,
419, 421 and 423 East 48th St., 1558 Broadway.
Carpets cleaned by steam, by hand, or on the floor. Coe & Brandt, Proprietors. Telephone, 132-38.

THE H. C. BROWN CO. (Incorporated), Steam and Compressed-Air Carpet Cleansing, 221 East 38th St., New York. Branch office, 1535 Broadway. Telephone, 1,531 38th St.

J. & W. WILLIAMS,
353 West 54th St. Established 1875.
Telephone, 366 Columbus. Send for prices.
Altering and Relaying.

THE NEW YORK STEAM CARPET CLEANING WORKS, W. H. JORDAN, Prop., 437-439 West 45th St.
Established 1857. Tel., 511 38th St.

THE THOMAS J. STEWART CO.
Thomas J. Stewart, Pres., the Leading Carpet Cleaners of the World, 1554 Broadway, cor. 46th St., New York: Erie and Fifth Sts., Jersey City; 1238 Bedford Ave., cor. Fulton, Brooklyn. Storage Warehouses, padded vans for removing furniture anywhere. Most complete and largest works in existence.

Caterer—A. CARDANI, Caterer and Confectioner, 937 Sixth Ave., 765 Lexington Ave. Wedding Dinners, Receptions, etc., furnished with every requisite. Cooks and waiters supplied. Telephone Call, 205 Col. Branch Tel., 1253-79.

Celluloid Advertising Novelties, Signs, Buttons, and Campaign Badges.
BALDWIN & GLEASON CO., Ltd., 58 and 60 Reade St., New York.—Steel Plate Engraving, Lithographing, Commercial and Color Printing.

Cemeteries.
WOODLAWN CEMETERY,
Woodlawn Station,
New York and Harlem Railroad, 24th Ward.
City Office, 20 East 23d St., New York.

WHERE TO GET THE BEST OF EVERYTHING.

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Chemical Apparatus—Eimer & Amend, Estab. 1851—Manufacturers and Importers of Chemical Apparatus and Chemicals. 205, 207, 209 and 211 3d Ave., cor. 18th St., New York. Largest stock in the United States of chemically pure Chemicals and Apparatus.

Chimney Renovators—GEORGE SMITH & SON (Established 1840), 249 and 251 West 28th St., Chimney Renovators and Contractors. We guarantee under any circumstance that if we have absolute charge and our advice is followed no chimney or flue will ignite. We will cure any chimney from smoking and make the draughts perfect.

Chiropodist.
CHARLES S. LEVY, Chiropodist,
18 Lafayette Place, New York.
Branch Hoffman House Baths, 7 West 24th Street, New York.

Cigars.
A. SCHULTE, Imported, Key West, and Domestic Cigars, N. Y. Times Building, 39 Pa k Row, New York. Stores: N. Y. World Building, Postal Telegraph Building, 11 Wall St. Tel., 3707 Cort.

Cold Storage—Harrison Street Cold Storage Co., Co' orage and Freezing of Poultry, Butter, Eggs and se, 3, 5, 7, 9, and 11 Harrison St., 77 and 79 Hudson St., New York. Tel. '47 Franklin. Wm. Fellowes Morgan, Pres. D. J. McCarthy, Mgr.

Collections.
R. G. DUN & CO.,
Dun Building,
290 Broadway,
New York.

Commission Merchants and Importers.
MARQUEITE & CO., Importers, Exporters, and Commission Merchants, 120 Front and 110 Wall St., New York. Havana, Calle de Luz, No. 7. Advances made on consignments.

Corks and Corkwood—WILLIAM J. FARRELL, Corks and Corkwood, San Feliu de Guixols, Cataluña, Spain. Branches: 9 Mármoles, Sevilla; Lisbon, Portugal. Canadian, Mexican, and American Depot, 115 & 117 Maiden Lane, N. Y. City.

Cuba—Cuba—Cuba—Cuba—Munson Steamship Line, direct route to Matanzas, Cardenas, Sagua La Grande, Nuevitas, Puerto Padre, Gibara, Baracoa and the ports of the North Shore of Cuba. W. D. Munson, Gen'l Agt., 27 William St., N. Y.

Cutting Dies—Knives, Cutters, Punches, and Dies for cutting leather, paper, rubber, etc., such as fancy cards, labels, envelopes, suspenders, pocketbooks, etc.; also Builders and Designers of Special Machinery used by these trades. A. Dewes, 243 Centre St., New York.

Dairy Supplies.
HATCH & CO., Estab. 1839.—Manufacturers of Steel-Clad Milk Cans and dealers in Dairy Supplies, Milk Jars, Milk Cases, Carriers, etc.
1 Desbrosses St., corner Hudson St., New York.

Dancing Academy—HOSEA HIGGINS, "Our Own" Academy of Dancing, 140 W. 23d St., New York. Waltz guaranteed; six private lessons with music, $5; quarter, 24 lessons, $5. Lady assistants. School open Summer and Winter.

Dentists.
THE HAYES DENTAL ASSOCIATION.
Magnificent Private Parlors at Siegel-Cooper Co., New York and Chicago. Expert Specialists. Lowest Prices. For announcement see page xxx.

Detective Agency—Fuller's New York Detective Bureau, 826 Broadway, N. E. cor. 12th St., New York City. J. M. FULLER, Chief.
Established 1870. Telephone, 1064 18th. Bonded and licensed by the State of New York.

Diaries—HUEBSCH'S YEAR BOOK (Your Memory in Cloth Covers) is the best diary; 368 pages, yellow paper; flexible, red covers; postpaid, 6x9, 75 cts.; 4¾x5¾, 48 cts.
D. A. HUEBSCH & CO., 31 Rose St., New York.

Disinfectants—Mizel Brownell Chemical Co., manufacturers of a non-poisonous liquid disinfectant for households, stores, factories, etc.; best and cheapest on the market. Manufacturers also of Liquid Sheep Dip and Cattle Wash. Agents wanted everywhere. Office, 1135 Broadway, N. Y.

Dumb Waiters and Hand Elevators.
SEDGWICK MACHINE WORKS, Manufacturers of Dumb Waiters and Hand Elevators, 110 Liberty St., New York. J. I. WAKELEE, Secretary. Telephone, 2916 Cortlandt.

Electrical Repair Works.
CHARLES A. BORNE, 53 Rose St., New York. Expert work. Repairing of Dynamos and Electrical Apparatus. Second-hand Dynamos and Motors. Established 1893. Telephone, 1781 John

Electrician—JOHN T. WHITEHEAD, Electrical Contractor, 1024 Sixth Ave., bet. 57th and 58th Sts., New York. Tel., 2296 38th St. Electric Light Wiring, Burglar Alarms, Fans and Motors, Gas Lighting, Dynamos, Telephones. Repairs of Electrical Apparatus a specialty.

Electric Novelties and Construction—H. E. PLASS ELECTRICAL SUPPLY CO., 23 Barclay St., Manufacturers and Jobbers in Electrical Novelties and Supplies, Miniature Lamps and Sockets. Electric Torches. Physicians' and Surgeons' Electrical Apparatus. Correspondence invited. Send for catalogue.

WHERE TO GET THE BEST OF EVERYTHING.

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Electric Signs.
WILLIAM N. McCOMB, Prop. and Manager
EMPIRE ELECTRIC SIGN CO.,
107 West 29th St., New York.
General Electric Contractors. Tel., 889 Madison Sq.

Electrotypers—THE LOVEJOY CO. (Established 1853), Electrotypers and Stereotypers, (Long Dis ance Telephone), Nos. 444 and 446 Pearl St., New York, U. S. A. Manufacturers of Electrotype Machinery. All kinds of plates for printing.

Elevators.
OTIS ELEVATOR COMPANY,
71 Broadway,
New York.

Enamelled Advertising Signs and Letters (Wholesale and Retail).
CAESAR BROS.,
112 Fulton St., New York.
Advertising Contractors. Tel., 2181 John St.

Engineers' Supplies—JAMES REILLY REPAIR AND SUPPLY CO., 229 and 230 West St., New York. Established 1867. Incorporated 1892. Engineering Specialties, Ship Chandlery and Ship Stores, Feed Water Heaters and Filters, Pneumatic Despatch Tubes, Evaporators and Condensers, Mill and Railroad Supplies, Steamship Repairs, Boiler Makers and Machinists, Sheet-Iron Workers, Steam Fitters, Brass Founders, Coppersmiths.

Engravers and Embossers—H. G. ALFORD & CO. (Established 1884), Engravers, Printers, Embossers, Visiting Cards Wedding Invitations, 96 and 98 Fulton St., s. e. corner William St., New York. Tel., 685 John.

Express (Local).
NEW YORK DESPATCH & DELIVERY CO.,
W. P. VAN HORN,
23 Great Jones St.,
New York City.

Felt.
AMERICAN FELT COMPANY,
Manufacturers of Every Description of Felt,
110 and 112 East 13th St., New York.
Telephone, 1970 18th.

Fireworks.
PAIN'S FIREWORKS CO., Manufacturers of Pain's Manhattan Beach Fireworks. Public and Private Displays. Fireworks at wholesale and retail. No. 12 Park Place, New York.

Fish (Smoked and Salt)—Meierdiercks & Co., Curers, Packers, and Importers of Smoked and Preserved Fish. Importers of the J. A. M. Crown Brand Scotch Herring, J. A. M. Anchovies, O. K. Russian Sardines and Sardellen, Smoked Salmon, Sturgeon, Eels, etc., etc. 515 East 19th St., New York. Telephone, 2433-18th.

Fish, Wholesale—CHESEBRO BROTHERS, Wholesale Commission Dealers and Shippers of all kinds of Fresh Fish, Lobsters and Shedder Crabs, Green Turtle, Terrapin, and Game.
1 Fulton Fish Market, N.Y. Telephone, 22 John.

Flags and Banners—AMERICAN FLAG CO., 45-47 Elizabeth St., New York.—Makers of Muslin Bunting and Silk Flags of all nations, also of Name, House, and Ship Flags of every description. Decorations, Draperies, Paper Lanterns, Paper Balloons. Local and Long Distance Telephones.

Floriculture.
SIEBRECHT & SON, 409 Fifth Ave., New York. Rose Hill Nurseries, New Rochelle, N. Y. Most complete collections of Plants, Trees, Shrubs and Flowers in America. Send for catalogue.

Florists.
Landscape Gardening, Care of Lots.
WM. NILSSON, Florist,
233d St., Woodlawn, New York City.
Opposite station.

Foreign Freight and Express Forwarders.
PITT & SCOTT, 39 Broadway, N. Y.; 121 Water St., Boston, Mass. Express packages and large freight shipments forwarded to all parts of the world; also offices at London, Liverpool, Paris, and Hamburg. Tariff of rates mailed free.

Freethought Publishers—Ingersoll's Works, Paine's, Voltaire's, and all other heretical books. Publishers of *The Truth Seeker*, weekly illustrated journal. Samples and catalogues free. The Truth Seeker Co., 28 Lafayette Place, New York, N. Y.

French and Other Foreign Books.
Largest stock of French Books in America.
WILLIAM R. JENKINS,
851 and 853 Sixth Ave.,
Cor. 48th St. New York.

Funeral Directors and Cremators—Stephen Merritt Burial and Cremation Co., 8th Ave. and 19th St., N. Y. City. Bodies removed any hour, day or night. Crematorium and Funeral Chapels. Prices moderate. Free Burial Fund for the Respectable Poor.

Furnaces and Ranges.
JANES & KIRTLAND, Manufacturers of the
BEEBE RANGES AND FURNACES,
725 and 727 Sixth Ave., New York.
Our specialty is repairing of all kinds.

Galvanized Iron Range Boilers—L. O. Koven & Brother, manufacturers of Galvanized Iron Range Boilers, Expansion Tanks, Hot Water Tanks with steam coils inside, and heavy sheet-iron work of every description for factories, plantations and mines. Office, 18 Spruce St., N. Y., U. S. A.

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Gas Fixtures, New and Second Hand.
The Centre Gas Fixture Co.. New and Second Hand Gas Fixtures; Machinery, Motors, and Gas Engines; Gas Fixtures Refinished. Spring and Platform Scales. 199, 201, 203 Centre St., New York. Edw. J. Brown, Manager.

Gloves.
Trefousse and Foster Kid Gloves,
PASSAVANT & CO.,
Sole Agents,
80 and 82 Greene St., New York.

Groceries, Provisions, Etc.
Liquid Canned Goods, Flour, etc. All goods delivered free of charge. ASPELL & CO.. 151 Hudson St and 2, 4, 6, 8 Hubert St., New York.
Telephones, 429, 981 Franklin.

Groceries, Wines, and Liquors.
JACKSON & CO., Established 1848. Grocers and Wine Merchants. 114 West 23d St., New York. Telephone, 889-18th St. Goods delivered free within 100 miles of New York.

Hotels.
ABINGDON SQ. HOTEL, European Plan, 8th Ave. and Abingdon Sq., N. Y. Newly furnished throughout; rooms heated by steam, gas and electric light. European travellers will find the Abingdon Square unsurpassed, being within easy access of all steamship and steamboat landings. Rooms, $1.00 and upward.

CLINTON PLACE HOTEL,
6th Ave. 8th St. "L" Station. 65 West 8th St.
Elegantly Furnished Rooms. Permanent or transients. Moderate rates.

EVERETT HOUSE, Union Square, New York (17th St.), B. L. M. BATES.—An established house under new management. Thoroughly renovated, perfect sanitation, and all modern improvements. European plan.

GLEN ISLAND HOTEL, on the European Plan
88, 90 and 92 Cortlandt St.,
Opposite Pennsylvania R. R. Depot,
August Quick, Proprietor, New York.
Telephone Call, 3611 Cortlandt.

GRAND UNION HOTEL, opposite Grand Central Station, 42d St. and Park Ave. European plan. Rooms $1 a day up. Restaurants at moderate prices. Baggage to and from station free. Central location.

HEADQUARTERS BUYERS' ASSOCIATION. HOTEL ALBERT (European Plan), 11th St. and University Place, one block west of Broadway. Good comfortable rooms from $1 per day upward.

Hotels.
HOTEL GRENOBLE, 7th Ave. and 56th St., N. Y., under the management of Warren Leland, Jr. Broadway cable cars pass the door; elevated station within one block. Every modern comfort and convenience, and absolutely fireproof.

HOTEL JEFFERSON,
102-104-106 East 15th St. (Union Square.)
American and European Plans. Rooms, $1 per day and upward. Most central location in New York City. Write for booklet. J. E. Chatfield, Prop.

NORTH RIVER Hotel & Restaurant, on the European plan, open day and night; Redling & Muenzer, props.; cor. Barclay & West Sts.. N. Y.; opp. Hoboken Ferry to D., L. & W. R. R. Depot, American, Bremen, Hamburg, and Red Star Line Steamers to Europe.

NORTHWESTERN HOTEL, A. Zimmermann, opp. Erie R. R. and Fall River Boats, 200-202 Chambers St. and 185 West St., New York. European plan. Restaurant and barber shop attached. Rooms by day, week, or month at moderate prices.

SHERMAN HOTEL, 152 and 154 East 42d St., between Lexington and Third Aves., New York. Near Grand Central Depot. Meals at all hours. Rooms from 50c. upward. Open day and night. French, German, Italian, and English spoken.
ALEX. C. SHERMAN, Proprietor.

WEST SHORE HOTEL, 560-570 West 42d St., N. Y. City. One block from terminus of the West Shore, N. Y., O. and W. R. R. Wm. von Twistern, Prop. Tel. call, 1693-38. European plan; 200 rooms; reasonable rates; restaurant, moderate prices.

Hektograph—For duplicating copies of letters, circulars, manifests, music, etc.; 100 copies of any original can be made in 20 minutes. We are the original manufacturers. Beware of all so-called Improved Hektographs. HEKTOGRAPH CO., 42 Murray St., New York City.

Hod Elevators.
STANLEY HOD ELEVATOR CO., 620 to 626 West 25th St., New York. Telephone, 1211 18th St. Branch: 660 and 662 East 155th St., between Melrose and Elton Aves.; tel., 50 Melrose, New York.

Hoisting Engines—J. BAGGALEY, Manufacturer of Improved Friction Hoisting Engines and Hoisting Machines, for coal yards, railroads, contractors, pile driving, docks, quarries, and general hoisting purposes. 14 James Slip, N. Y. Telephone, 1928 Franklin.

Homeopathic Pharmacy—BELL'S HOMEOPATHIC PHARMACY, 3 Vesey St., New York. Everything in Homeopathy, "Family or Physician," Bell's Guide to Homeopathy and Health, also Bell's Poultry Doctor, FREE. Send for them.

WRERE TO GET THE BEST OF EVERYTHING.

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Hotel and Barroom Sheet Metal Goods. A. G. MILLER, successor to Thomas Miller, 106-108 Centre St., New York, manufacturer of improved heat-saving tea, coffee, and hot-water urns; also beer measures and liquor mixers.

Imported Beer—The FRED'K HOLLENDER CO. Established 1865. Pilsener, Kaiser, Culmbach, Munchen Erlangen, Wurzburg Beers, in keg or bottle. "Wholesome, nutritious, very palatable." 115-119 Elm St., N. Y. Tel., 225 Spring.

Interior Decorations. F. C. MASTON & CO., 1 East 34th St., N. Y. Fine Wall Papers, Draperies, Tapestries, Frescoes, Plain Painting, Hand-made Dutch Furniture. Telephone, 644 Madison Sq.

Iron Work for Buildings. THOMAS DIMOND, All kinds of Iron Work for Buildings, 128 West 33d St., New York. Tel., 1786 Madison Square.

Iron Work, Ornamental. HERVEY THOMPSON, 145 W. 28th St., N.Y., manufacturer of artistic iron work of every description. Jobbing and repairs for estates, etc. Estimates cheerfully furnished. Tel., 943 Madison Sq.

Janitors' and Engineers' Supplies—PETER J. KELLY, 8 Desbrosses St., between Hudson and Greenwich Sts., N. Y. Wholesale and retail dealer in Janitors', Factory, and Engineers' Supplies. Iron Pipe and Fittings, Brass Valves, Steam and Water Gauges, Leather and Rubber Belting, Cotton Waste, Packings, Oils, and General Hardware.

Laundries—New York & Commercial Steam Laundry Co. Railway, steamship, hotel, clubhouse, and restaurant work, 554 to 562 West 25th St., New York. Telephone, 1078 18th St. T. E. Sloan, President; L. K. Cotton, Manager.

Letters of Credit For Travellers and Importers. BROWN BROTHERS & CO., 59 Wall St., New York.

Libraries—MERCANTILE LIBRARY, Astor Place. Branches: 426 Fifth Ave. and L. Broadway, New York. Library contains 263,000 volumes. Books forwarded by mail or express to members out of town. Membership, $5 per year.

Lumber, Wholesale Hardwood. C. P. VOSBURGH, 10 Wall St., New York. Car and cargo lots only. Sellers and buyers invited to call or correspond. Telephone, 681 Cortlandt.

Machine and Tool Works—BLAIR TOOL AND MACHINE WORKS.—Tools and Machinery of all kinds designed, built, and repaired. Electrical, Bicycle, and Model Work. Inventions developed. Machines perfected and patents secured. 24, 25, 26, and 27 West St., corner Morris St., New York.

Machine Tools—THE NILES TOOL WORKS CO., 136 Liberty St., New York City. Complete equipment for machine shops, railroad yards, ship yards, automobile factories, etc. Also, all-wrought steel pulleys.

Machinists—JOHN McAINSCH, successor to Mitchell Company, Engineers, Boiler-Makers, and Millwrights, 21st St. and 11th Ave., New York. Telephone, 1244 18th St. Steam Fitting in all its branches. Cylinders bored out in place.

Maps, Atlases, and Globes. RAND, McNALLY & CO., 142 5th Ave., New York; 166-168 Adams St., Chicago. Catalogue mailed on receipt of request. Correspondence solicited.

Mattress Renovating at customer's house a specialty by **the Mauborgne method.** Sole users of own patented oscillating hair-carding machines and collapsible benches. State rights, etc., for sale. 846 9th Ave., N.Y. Tel., 967 Columbus.

Mechanical Books for Practical Men. D. Van Nostrand Company, Publishers, 23 Murray and 27 Warren Street, New York. Send for Catalogue.

Meerschaum Pipes. JOSEPH LEHRKINDER, Manufacturer of Meerschaum and Briar Pipes, Cigar and Cigarette Holders; expert in pipe repairing, boiling, and mounting. 85 Nassau St., New York.

Mercantile Agencies. R. G. DUN & CO., Dun Building, 290 Broadway, New York.

Metal Ceilings and Walls IN CLASSIC DESIGNS. BERGER MANUFACTURING CO., 210 East 23d St., Tel., 2632 18th. Manhattan.

Metal Goods Manufacturers—WILLIAM SCHIMPER & CO., Manufacturers of Fine Silver-plated Novelties, Sterling Silver and Metal Goods of every description. 320, 322, 324, 326 Ferry St., Hoboken, N. J. Telephone call, No. 170 Hoboken. Salesroom, 369 Broadway, New York City.

WHERE TO GET THE BEST OF EVERYTHING.

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Metals.
I. SHONBERG, Manufacturer and Dealer in Metals, 172 Hudson St., New York City Stereotype Metal, Electrotype Metal, Star Bearing Metal. A specialty: Al Linotype Book Metal.

Mill and Engineers' Supplies.
Hardware, Machinery, and Supplies for Railroads, Steamships, Engineers, Mills, Mines, etc.
W. J. SCHAEFER & CO.,
33 Barclay St., New York.

Mineral Waters.
CARL H. SCHULTZ, 430-444 1st Ave., New York, N.Y. Telephone call, 142 Madison Square. The only pure and correct Artificial Mineral Waters sold in New York City to-day.

Monuments (Granite).
S. CLINTON SHERWOOD,
Cemetery Memorials in Granite, Monuments, Mausoleums, Statuary, 10 West 23d St., cor. Fifth Ave., New York.

Mouldings—L. C. TUFTS, manufacturer of Mouldings, Doors, Sashes. Blinds, etc., Shelf Columns, Table Legs, 120 and 122 Elm St., near Canal St.; telephone, 1266 Spring; 159 East 38th St., near 3d Ave.; telephone, 678 38th St., New York.

Mustard.
Ardenter Mustard!
The Finest Mustard manufactured on this or the European Continent. W. G. Dean & Son, 361-363 Washington St., New York.

Office Fixtures—JAMES S. BUSH, Bank, Office, and Store Fixtures, Fine Metal Work, 176 Broadway, Room 46, New York. Office Partitions, Office Rails, Decorations, Store Tables, Store Counters, Wall Cases. Telephone, 4674 Cortlandt.

Office Furniture—WM. SCHWARZWAELDER & CO., Manufacturers of Office Desks, Bank and Commercial Furniture, Architectural Wood Work, 343 Broadway, New York. Factory, Chichester, N. Y. Telephone, 1038 Franklin.

Old Gold and Silver.
Worn-out gold and silver bought by R. LONGMAN'S SONS, Gold and Silver Refiners, 8 John St., New York.

Old Metals.
PAUL GRIMM,
Cash Buyer of all kinds of Woolen Rags, Paper Stock, Rubber, and Metals.
32-34 Ferry St., New York.

Open Fireplace Fixtures—FRANK H. GRAF, 322 and 324 Seventh Ave., New York. Designer and Manufacturer in Brass and Wrought Iron, Fenders, Andirons, Fire Sets, Gas Logs, Tiles, etc. Renovating and Repairing a Specialty.

Opticist—PRENTICE, America's leading optical specialist in adapting eyeglasses and spectacles to all defects of sight. Indorsed by highest scientific authorities, London, Paris, Berlin, and New York. Booklet free. 178 Broadway, opp. Cortlandt St., N. Y. Est. 1842.

Packing Boxes.
P. RYAN, dealer in all kinds of Packing Boxes, Sawdust, and Box Straps. Office, 109 Reade St., telephone, 500 Franklin; yards, Morton and Washington Sts., telephone, 983A Spring, New York.

Paper Patterns.
COSMOPOLITAN FASHION COMPANY,
Model Paper Patterns,
244-246 West Twenty-third St.,
New York.

Pawnbrokers—B. GUTTER & CO., Established 1879, 449 Sixth Ave., Private Entrance 99 W. 27th St. Liberal Loans on Diamonds, Watches, and Precious Stones, Silverware, Bric-a-Brac, etc. Bargains in Unredeemed Pledges always on hand.

Photographic Finishing—Developing and printing kodak films and bromide enlargements. Also copying photographs and finishing on all kinds of paper, mounting of photographs in albums, etc. C. D. ACKERMAN, 291 Fifth Ave., 5 doors above 30th St., New York.

Pork and Provisions, Wholesale and Retail—First-class Meats of all kinds. Cooked Meats our specialties. Steamers, Hotels, Restaurants, and Families supplied. J. S. BAILEY & CO., Hudson and Christopher Sts., New York City. Telephone, 2125 Spring.

Poultry Supplies.
EXCELSIOR WIRE AND POULTRY SUPPLY CO., 28 Vesey St., New York City. Poultry Supplies, Medicines, Incubators, and Brooders. Tel., 5488 Cortlandt.

Printing Presses and Paper-Cutting Machinery—The Unrivalled Huber Two-Revolution Printing Presses and Brown & Carver Cutting Machinery. VAN ALLENS & BOUGHTON, Selling Agts., 59 Ann St. and 17-23 Rose St., N. Y.

Reliable Remedies—Rheumatism and Gout cured in every case since 1861 with Famous Prescription 100,384. Always safe and reliable. 75c. bottle. Write for booklet. MULLER PHARMACY, 74 University Place, N. Y. (See half page adv.)

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Roofing—New York Iron Roofing and Corrugating Co. Steel Roofing, Pressed Standing Seam, Roll Cap (Patent Cleat), V-Crimped (Old Style) Steel Brick, Corrugated Steel, Sheet Metal, Clapboarding, Obelisk Metallic Paint, Obelisk Metallic Cement, Cornice, Gutters, Downfall, etc.; Black, Painted, or Galvanized Sheets. First and Washington Sts., Jersey City, N. J.

Rope.
Manila, Sisal, Jute.
THE AMERICAN MANUFACTURING CO.,
63 and 65 Wall Street,
New York.

Rubber Goods—IMPERIAL RUBBER CO., Manufacturers of Rubber Belting, Hose, and packing of the highest grades, 132 Liberty St., N. Y. Sole agents Chesterton Steam Packing Co.. Imperial Leather Belting. P. O. box 1628. Telephone call, 1365 Cortlandt.

Rugs.
ORIENTAL RUGS AND CARPETS.
Largest assortment in the country.
JOS. WILD & CO., Importers, 82 and 84 Worth St., 11 and 13 Thomas St., New York City.

Rustic Lawn Furniture—Rustic work of every description in artistic and attractive designs. Elegant for ornamenting residences. Send for illustrated catalogue. Rustic Mfg. and Construction Co., 19 Fulton St., New York, U. S. A.

Safety Razors—The Star Safety Razor is the only razor that gives perfect satisfaction and is indorsed by many prominent men. For sale by all hardware and cutlery dealers or the makers, KAMPFE BROS., 8 Reade St., N. Y. Price, $2 each.

Scales—C. HOLLER & CO., formerly with the Fairbanks Co. Twenty-two years' experience. Dealers in and Repairers of all kinds of Scales, Hand Trucks, and Letter Presses, 161 Hudson St., near Laight St., N. Y. City. Tel., 2812 Franklin.

School Books.
School Books of all publishers at reduced prices, both new and second hand. Write for catalogue. HINDS & NOBLE, 4, 5, 6, 12, 13, 14 Cooper Institute, New York City.

Second-hand Machinery—Boilers, Engines, Pumps, Dynamos, Steam Launches, and Machinery for sale. Steam Pipe, Hoisting Engines, Mining Machinery, Dredging Machinery. Everything and anything in Second-hand Machinery at B. F. CONWAY'S, 28 West St., New York.

Sewer Pipe—ARTHUR N. PIERSON & CO., Wholesalers and Exporters, Sewer Pipe, Flue Lining, and Drain Tile. No. 1 Park Row, New York; Phone, 1532 Cortlandt. Storage Yards, Fort Lee, N. J.; Long Island City, L. I.

Sewing Machines.
EXCELSIOR SEWING MACHINE CO.,
Supplies, Special Sewing Machines.
Office and Factory Address—Abingdon Square (584 Hudson St.). Telephone, Spring 1668.

Show Cases—N. & P. SCOTT (Established 1877), Manufacturers of Show Cases and Store Fixtures. Factory, 440, 442, and 444 Adelphi St., Brooklyn, N. Y. Office, No. 3 Laight St., corner Canal, New York. Telephone, 849 Main.

Silversmiths.
THE MAUSER MFG. CO.,
SILVERSMITHS—STERLING SILVER ONLY.
Factory and Salesroom; 14 East 15th St., between Broadway and Fifth Ave., New York.

Skylights and Prisms—Sidewalk Lenses, Skylight Plates, Sash Plates. American Luxfer Prism Co., Mohawk B'l'g. 160 5th Ave., N. Y.; tel., 2911 18th St. Boston, Philadelphia, Washington, Pittsburgh, Chicago, St. Louis, New Orleans, San Francisco.

Stamps and Stencils.
J. H. ARNOLD, 49 Fulton St., New York. Maker of Stencil Plates, Rubber and Steel Stamps, Embossed Metal Labels, Brass Checks, Seals, Burning Brands, Pads, Inks, Brushes, etc.

Stationers.
SEARS & WHITE, Manufacturing Stationers and Practical Printers, and makers of their celebrated Patent Check Book, that always lies perfectly flat when open. 49 Broad St., New York.

Storage Warehouses.
COLUMBIA WAREHOUSES, Fireproof Buildings, 149-155 Columbus Ave.; Non-Fireproof Buildings, 141-147 Columbus Ave. and 32-34, 60-62 West 67th St. Silver Vaults. Telephone, 71 Columbus.

Sure Pop Insect Powder is guaranteed to kill cockroaches, water bugs, etc. Call or address
ADOLPH ISAACSEN & SON,
86 Fulton St., New York.

Suspenders Manufacturer.
F. A. WALKER, 73 Flatbush Ave., Brooklyn, N. Y. Walker's Self-adjusting Suspenders have no equal. Price—Silk, 50 cents; cotton, 35 cents; 3 pair for $1.00.

Teas at Retail.
ROBERT B. REILLY, IMPORTER,
38 Whitehall Street,
237 Bleecker St., 177 Eighth Ave., 693 Eighth Ave., 796 Tenth Ave., 2249 Third Ave., New York City.

WHERE TO GET THE BEST OF EVERYTHING.

THE WORLD ALMANAC ADDENDA.

(CONTINUED.)

THE BUYER'S GUIDE.

A list of reliable and enterprising firms who guarantee to give you the best of anything of each special line.

Taxes.
THEODORE SUTRO, Counselor at Law, 280 Broadway (Stewart Building), New York. Law of Taxation. Ex-Commissioner of Taxes and Assessments.

Theosophical Publications—The Theosophical Publishing Co., 144 Madison Ave., New York. Founded by Wm. Q. Judge. High-class, legitimate books on Brotherhood, Theosophy, Occultism, and kindred subjects. Magazines: *Universal Brotherhood* (monthly), $2 yearly; *New Century* (weekly), $1.50 yearly.

Toilet Preparations—Newton Chemical Co., successors to **Isabel Cassidy,** manufacturers of Beautifying Articles and Manicure Goods; also large and elegant parlors for Manicuring, Facial Massage, Chiropody, and Hair Dressing. 28 and 30 West 23d St., New York.

Towel Supply.
If you want the best, use the FOWLER TOWEL SERVICE, 47 West 13th St. Phone, 2807 18th.

Truckmen.
WARWICK & THOMPSON, Warehouse and Truckmen, Storage, Express, 380-386 11th Ave., N. E. cor. 33d St., New York. Reshipping agents for out-of-town manufacturers. Phone, 736-38th.

Trunks—D. A. DOYLE, established 1845, manufacturer of Trunks, Bags, and Suit Cases. 1 and 2 Vesey St., Astor House; 82 Fifth Ave., cor. 14th St.; 1231 Broadway, cor. 30th St.; 270 Sixth Ave., New York, N. Y. Umbrellas, Fine Leather Goods, Pocketbooks, etc. Theatrical Trunks, Sample Work, and Repairing a Specialty.

Typewriters' Supplies—Typewriters bought, sold, rented, repaired, and inspected; Remingtons and Smith Premiers Improved; manufacturers of Hillard Patent Escapements and full lines of typewriter supplies. Hillard Mfg. Co., 229 B'way, N. Y.

Undertakers—Stephen Merritt Burial and Cremation Co. Largest Undertaking House in the World. Main Office and Chapels, 8th Ave. and 19th St., N. Y. City. Telephone connections Undertakers, Embalmers, Funeral Directors & Cremators.

Vault and Sidewalk Lights.
JACOB MARK,
Patentee and Manufacturer of Vault Lights, Sidewalk Lights, and Reflecting Prisms of all kinds.
7 Worth St., New York.

Violins, Violas, and Cellos.
VICTOR S. FLECHTER, dealer in Violins, Violas, and Cellos of all makers, 23 Union Square, New York. Unexcelled repairing. Highest credentials from the greatest of violinists.

Watchman's Time Detector—The American Watchman's Time Detector Company's Magneto System, Electric Time System, Employés' Time Recorder (three varieties), Interior Telephones, Hotel Fire-Alarm System; over twenty kinds of Watchman's Clocks. American Watchman's Time Detector Co., 234 and 235 Broadway, New York. J. S. Morse, Treasurer.

Windmills and Tanks—Corcoran System of Water Supply for Country Homes, and Corcoran Wooden Tanks for water storage and all other purposes. Estimates furnished. A. J. CORCORAN, 192 Broadway, N. Y. Factory. Jersey City, N. J.

Window Shades.
FRED. G. LAX, manufacturer of Window Shades of every description for stores, offices, dwellings, etc. Send postal or call for estimate. 11 Warren St., New York. Telephone connection.

Wire Workers—JOHN H. HUXLEY, 30 Church St., between Dey and Cortlandt, New York. All kinds of wire guards, poultry netting, sand screens, bank and office railings, wire screens, and all kinds of repairing in our line.

Wire Works—ACHILLE BATAILLE & CO., Manufacturers of Elevator Inclosures, Patent Folding Gates, Wire and Grill Work, Guards, etc., in brass, bronze, and iron. Bank and Office Railings. 587 Hudson St. (Ross Building), New York. Telephone call, 2530 Spring.

Wood Floors—TERWILLIGER MANUFACTURING CO., 23d St., under Fifth Ave. Hotel, N. Y. ⅞ Parquet Floors, Wood Carpet, Moorish Fretwork, and Grills. Branch store, 302 Fulton St., Brooklyn. Largest manufacturers in U. S.

Wrecking and Heavy Hoisting.
MERRITT & CHAPMAN DERRICK AND WRECKING CO. Offices: 27 William St., New York, cor. Exchange Place. Office: 36 Main St., Norfolk, Va. Offices Open Night and Day.

Yachts.
MANNING'S YACHT AGENCY,
Established 1873.
45 Broadway,
New York City.

THE HIGHEST CLASS GOODS

MADE IN

Bon Bons and Chocolates

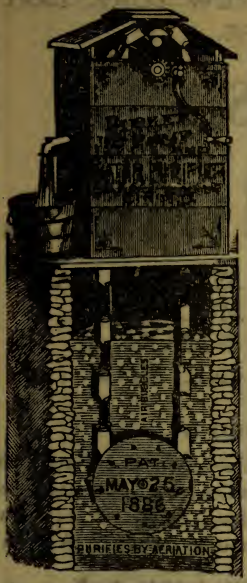
ARE THE

A. M. Tenney. New York.

(TRADE MARK)

Sold by all Fine Confectioners, Drug Stores, and Caterers in the United States.

OFFICE OF H. J. TENNEY, PROP., 147 EAST 23d STREET.



DRINK PURE WATER And Enjoy Good Health by Using the

BUCKET PUMP TRADE AND MARK. WATER PURIFIER.

Best on Earth for Wells and Cisterns.

WARRANTED TO PURIFY FOUL WELL OR CISTERN IN TEN DAYS' USE OR MONEY REFUNDED.

It draws ten gallons of water per minute.
It has no tubing to rust, burst, or wear out.
It is always at its best and ready for use.
It never has to be packed, primed, or thawed out.
It will make bad water good and good water better.
It will not freeze, having stood the test of 38° below zero.
Price, $10 for a 10 ft. well or cistern from platform down; 50c. for every additional foot in depth, less 10 per cent cash with order. The cash discount will more than pay for the freight. Warranted for five years.

Illustrated catalogue and valuable reading matter free by addressing

BUCKET PUMP CO., Plum and Canal Sts., Cincinnati, Ohio.

Star Automatic Stock Fountain

PRESSED STEEL CUP.

Our Stock Fountain has been Awarded more First Premiums at State and County Fairs than all others combined, on account of its Simplicity and Durability. Made in Three Sizes.

We Manufacture
Sickle Grinders,
Farmers' Blacksmith Outfits Complete,
Emery Scythe Stones,
Emery Knife Sharpeners,
Disk Sharpeners, Etc.

Good Agents Wanted in Every Town.

Write for Catalogue G.

O. E. NICHOLS & CO., - - Plymouth, Ind.

NEW YORK, 1825. NEW YORK, 1900.

ESTABLISHED 75 YEARS.

THADDEUS DAVIDS CO.,

MANUFACTURERS OF

Writing Fluids,

COPYING INKS,
INDELIBLE INK,
RUBBER STAMP INK,

SEALING WAX,
MUCILAGE,
WAFERS,

"LETTERINE" or SHOW CARD INK, ETC.

OUR WRITING FLUIDS ARE USED BY

The "World," United States Government Departments, Public Schools of New York and Brooklyn, Adams, American, and Wells, Fargo Express Cos., Western Union Telegraph Co., Penn. R.R., N. Y., L. E. & Wes. R.R., Del., Lack. & Wes. R.R., Postal Telegraph Cable Co., and other Large Concerns too numerous to mention. Address:

THADDEUS DAVIDS CO., NEW YORK, N. Y.

GEO. H. SIMPSON & CO.,

Paper, Card Board, and Cut Cards,

8 SPRUCE STREET, NEW YORK.

...MANUFACTURERS OF...

HAWTHORNE MILLS
Linen Ledger and Record Paper,
SPRING LAKE MILLS,
ANCHOR LINEN,
SPRUCE MILLS,
NAT'L BANK LINEN LEDGER
EMPIRE BOND.

BANK EXCHANGE LINEN,
ATLAS MILLS,
ÆTNA MILLS,
AWARD MILLS,
VICTORY BOND,
SPRUCE MILLS,
Etc., Etc.

A larger assortment of White and Colored Bristol Board than is carried by any other house in the United States.

Samples and prices furnished to the TRADE only.

WILL ENGRAVE YOUR INITIAL OR MONOGRAM (2 OR 3 LETTERS) IN ANY ONE OF 5 STYLES, FURNISH YOU 50 ENVELOPES, 2 QUIRES OF FINEST WRITING PAPER (WHITE OR TINTED) AND STAMP PAPER WITH YOUR INITIAL OR MONOGRAM AT THESE PRICES.

SEND 10 CENTS FOR OUR HANDSOME SAMPLE BOOK INCLUDING 18 INITIALS AND MONOGRAMS, A FULL SET OF SOUVENIR MONOGRAMS, CRESTS AND COATS OF ARMS. 10 CENTS.

FINEST QUALITY ENGRAVED VISITING CARDS (INCLUDING PLATE) LATEST STYLES 50 CARDS–75 CENTS–100 CARDS $1.00 SAMPLES FREE.

STAMPED	INITIAL	MONOGRAM
IN PLAIN COLORS	.75 CENTS	$1.25
IN GOLD, SILVER OR BRONZE	.85 "	1.35
ILLUMINATED IN 2 COLORS	$1.00	1.50

MONOGRAM DIE BECOMES YOUR PROPERTY.

WEDDING INVITATIONS AND ANNOUNCEMENTS ENGRAVED. SAMPLES FREE.

PROMPT ATTENTION TO MAIL ORDERS. ALL MAIL & EXPRESS CHARGES PREPAID.

"MEET ME AT THE EIFFEL TOWER."

THE PARIS EXPOSITION

"MEET ME AT THE EIFFEL TOWER."

Is Graphically Described on Pages 282 to 285 of this number of THE WORLD ALMANAC. After reading of this event, you will naturally decide to visit it.

THERE'S WHERE WE CAN ASSIST YOU.

FOR LESS MONEY THAN YOU WOULD OTHERWISE HAVE TO PAY

We will reserve your steamship, railway, and hotel accommodations IN ADVANCE. (Ever been told that "the last berth is sold," or that "le hotel est complet, M'sieur"?) We will arrange your carriage rides, furnish your tickets for the Exposition, pay your fares and hotel bills, tip your waiters and porters, talk in French for you (provided you don't use "cuss" words, as our vocabulary is limited), and, in fact, we will act as your Advance Agent from New York to New York, and

YOU WILL KNOW WHAT IT COSTS BEFORE YOU START.

There's a lot of satisfaction in that, isn't there?

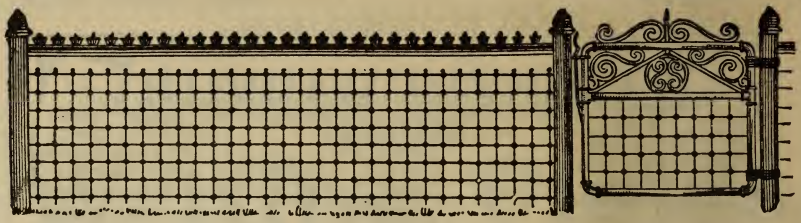
A CENT WELL SPENT.

Buy a postal card and write for our illustrated programme describing our routes, rates, and accommodations A mine of facts about Europe and the Paris Exposition.

THE EUROPEAN TOURIST COMPANY, Inc.,

Steamship Agents and Managers of Tours. Capital, $100,000.00.

156 FIFTH AVENUE, NEW YORK.



LAWN, CEMETERY, FARM, AND RAILROAD

FENCES AND GATES.

Heavy material throughout. Catalogues mailed free upon application. Absolutely the finest Fence on the market.

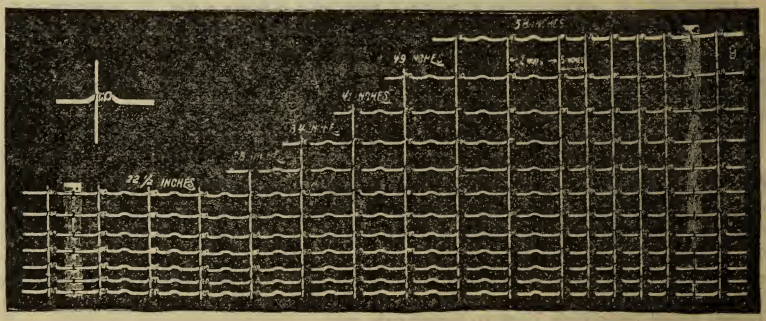
The City Hall Park of New York City has recently had our Fence erected thereon.

Tree Guards and Hitching Posts carried by dealers in nearly every town.

Inquire for the Jones goods.

THE JONES NATIONAL FENCE CO.,

Cor. Factory St. & Buttles Ave., - - - - Columbus, Ohio.



ROYAL WOVEN WIRE FENCING.

Guaranteed Absolutely Efficient and Satisfactory.

Made of heavy spring steel wires, heavily galvanized. Ample provision is made for heat and cold (notice crimp). It is sold as low as any fence of the same weight and quality can be sold for. Ask for ROYAL FENCE. Take no other.

If not for sale by your hardware dealer, write

THE ELLIOTT & REID CO.,

51-55 West 4th Street, - - - Richmond, Indiana.

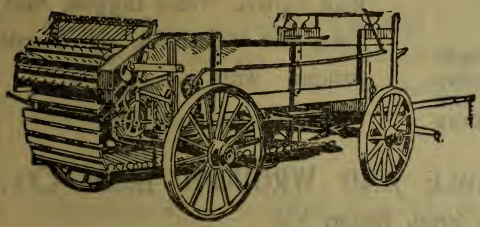
Were You Thinking FARM MACHINERY WAS ALL ALIKE? LISTEN, THEN.

New American.

A combined Harrow and Cultivator that is changeable into Grain Seeder, Grass Seeder, Planter, Fertilizer, Stalk Cutter, or Bean Harvester.

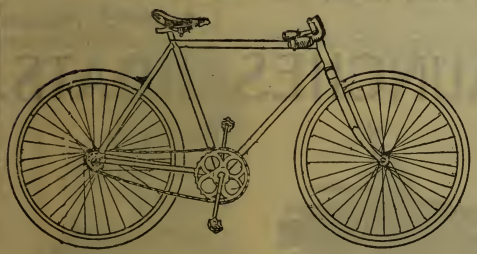
But it costs no more than an ordinary one-capacity machine.

You've heard of the New American. We'd like to tell you more about it.



New American Manure Spreader.

1st. It fits any wagon gear.
2d. It is self-feeding.
3d. It spreads thick or thin.
4th. It's the largest spreader made.
5th. It is lighter draught than the smallest.
6th. It is sold with or without wagon gear.



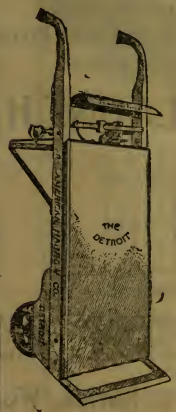
Bicycles.

Into a Bicycle go 6 to 8 separate items of cost.

Three of the biggest items we cut out entirely—and we alone.

What we can give you the benefit of is way-up quality and way-down price.

Shall we do it? You're the doctor.



Detroit Truck Scale.

A hand truck and a scale in one—a union of two wonderfully handy machines. A lever throws scale in or out of gear; when out there's no strain. Price does not exceed a common scale. Capacity, 800 pounds. Wherever a truck will go it will go, and just as easily.

You are welcome to our new catalogue and set of novelty booklets.

Walking Cultivators, Road Levellers, Disk Harrows, Hand Potato Planters, Etc., Etc.

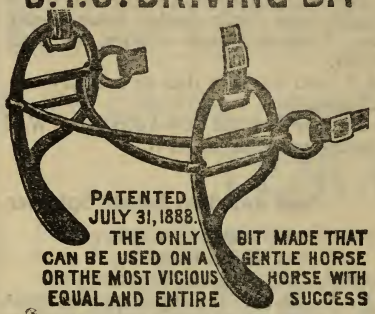
AMERICAN HARROW COMPANY,

North Hastings Street, Detroit, Mich.

The Racine Malleable and Wrought Iron Co.,

RACINE, WIS.

J. I. C. DRIVING BIT



Sent by Mail for One Dollar.

We make Harness Hardware, Wagon Hardware, Castings All Kinds, Potato and Root Cutters, Potato Diggers, Neck Yokes and Whiffletrees, and Special Articles. Write us.

THE RACINE MALLEABLE AND WROUGHT IRON CO.,

West Street, Racine, Wis.

J. P. DAVIES, President.

YACHTS, LAUNCHES, BOATS.

Steam Yachts,
Sail Yachts,
Built in
Steel or Wood.
Engines and Boilers
For
High Duty,

Row Boats.
Hunting Boats,
Canoes,
Vapor Motors.
A Large Number of
Launches and Row Boats
Carried in Stock.

20th CENTURY ELECTRO VAPOR LAUNCH.

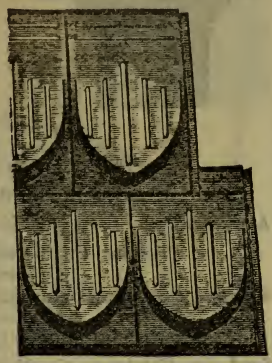
This ideal Gentleman's Launch elegantly finished, simple, seaworthy, safe, reliable. Seats 8; Speed 6 miles. Guaranteed for one year. Price. $200.00. Other sizes in proportion. Send 10c. for handsome 76-page catalogue of Steam and Sail Yachts, Launches, Row Boats, Canoes.

RACINE BOAT MFG. CO., - - - - Box 2, Racine, Wis.

Spanish Tiles in Metal.

Merchant's Metal "Spanish" Tiles and "Gothic" Shingles.

ORNAMENTAL,
STORM-PROOF,
DURABLE,
EASILY LAID.



These Tiles and Shingles are indorsed by leading Architects and Engineers. They are in use by leading Railroads for depots, etc. Send for illustrated catalogue, mailed free on application.

Philadelphia, New York. MERCHANT & CO., Inc., Sole Manufacturers. Brooklyn, Chicago.

HANSON HYDRAULIC RAM.

POINTS OF SUPERIORITY.

Flanges of base and air chamber machined and fastened together with bolts and keys, thereby enabling it to be taken apart in a minute's time for renewal of valve.

Brass delivery valve mechanism of novel design, with circular leather washer for valve.

Superior air-sniff—air chamber always supplied with air—no water hammer, no stopping.

Will pump water at the rate of 1 ft. head to 30 ft. elevation—least head, 2 ft.

With a given supply head and elevation, will perform 100 per cent more duty than other rams in the market.

Send for illustrated circular.

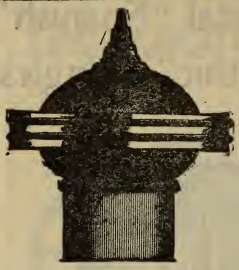
HANSON & RHODES, 127-9 West 32d St., New York.

ELLIS & HELFENBERGER,
400 SOUTH SENATE STREET,
INDIANAPOLIS, INDIANA.

IRON and WIRE FENCES

for all purposes. Special net prices to buyers direct . . . . . .

SEND FOR CATALOGUE H.



The "Globe" Ventilator

AND

"Globe Ventilated Ridging,"

IN

Copper and Galvanized Iron,

Patented and Trade-marked.

Symmetrical. Effective. Storm Proof.

For Perfectly Ventilating

Churches, Schools, Hospitals, Theatres, Halls,
Asylums, Government Buildings, Hotels, Mills, Factories.
Smoky Chimneys Cured. Heat Exhausted from Attics.

"Globe" Ventilators

Are Extensively Used and Give Entire Satisfaction.

"Globe Ventilated Ridging"

Combines

an Ornamental Cresting and a Snow-Proof Ventilator,

And Is Being

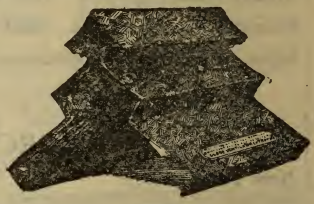
Largely Specified by the Leading Architects.

Send for Catalogue C, Blue Print B, or Model.

Manufactured by

GLOBE VENTILATOR COMPANY,

100 Third Street, - - Troy, N. Y.



Parisian Electric Candle.

A Most Beautiful and Useful Holiday Present.

With the Parisian Electric Candle there is no danger in going into dark closets where inflammable materials are kept, and as a NIGHT LIGHT FOR INVALIDS it is invaluable. If upset it cannot start a fire, and is carried around the house as easily and more safely than a candle. YOU TURN A SWITCH AND THE LIGHT IS ON. The Medical Battery, showing case open, with upper compartment containing complete electrodes. For physician or patient, home use or travelling, this is the best and most convenient form of Medical Battery ever produced. Send for Catalogue of Medical Batteries, Electric Ruby Lamps, Electric Scarf Pins, and other Electric Novelties.

E. J. TARDIE,

Room No. 7, 221 Sixth Ave., New York.

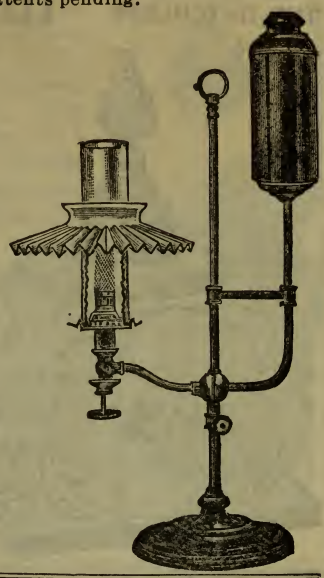
Mention WORLD ALMANAC.

SIMPLICITY STUDENT LAMP.

Patented July 18, 1899. Other patents pending.

A One-Hundred Candle Power Light for SIX HOURS' service, ONE CENT.

These Lamps have been approved by the National Board of Underwriters.



THE illuminant is gasoline stored in compartments in the lighting fixtures, and on passing through a heating chamber reaches the orifice in the form of gas, which burns with a smokeless flame under a mantle heated to incandescence. The principle has been applied to a student lamp for stand use, an illustration of which appears herewith. The construction is such as to give a brilliant light with a very small consumption of gasoline, and at a low cost for lighting as compared with other methods. The light is not affected by temperature, and will burn equally well in Summer or Winter. The lamp uses 74° stove gasoline. There is no odor like the old gasoline stove. Send for descriptive circular and mention WORLD ALMANAC.

H. MERKEL,

Manufacturer and Patentee,

507 & 509 Elm St., - St. Louis, Mo.

For Sale by all the Leading Stationers.

Send 10c. in Stamps for Samples.

Mention WORLD ALMANAC.

AARON'S CHILLED PLATINUM PENS

Are recognized the standard the world over, used by the leading bankers, brokers, railroads, colleges, etc., made in 20 styles; the points range from the extra fine to the very coarse stub.

D. C. AARON PEN CO., Columbus, Ohio, U. S. A.

THE WELL-DRESSED MEN

of Greater New York are very much in evidence,

for which a Great Deal of CREDIT can be given to

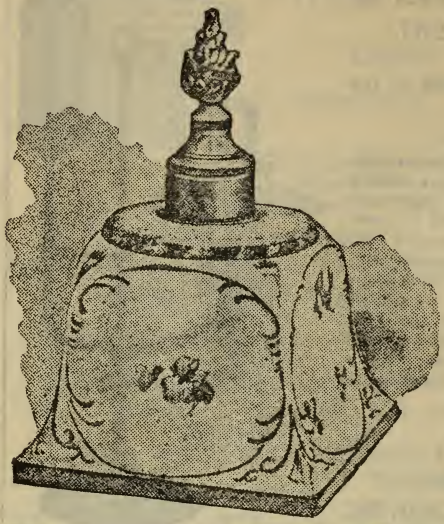
JACOBS & HARRIS,

TAILORS,

77 and 79 Fulton St. and 54 Gold St., New York City.

Costs about 12c. a year to maintain THE MATCHLESS

ELECTRIC CIGAR LIGHTER.



A RECENT INVENTION.
JUST PLACED ON THE MARKET.

Invaluable for hotels, factories, private dwellings, etc. If not on sale by your dealer, write us for catalogue and price list.

TELEPHONES, MOTORS, LAMPS, BATTERIES, ETC.

Stanley & Patterson

General Elec. Equipment Supplies,

30-32 Frankfort St., New York.

Haas & Freid

GENERAL CONTRACTORS

FOR PAINTING, MASON, CARPENTER, PLUMBING, IRON WORK ETC. ETC.

SEND POSTAL FOR ESTIMATE.

JOBBING PROMPTLY ATTENDED TO..

21 Clinton Place

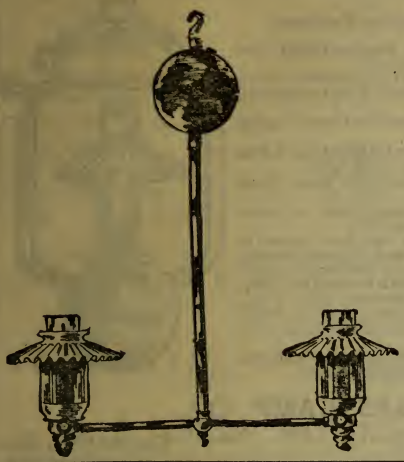
NEW YORK.

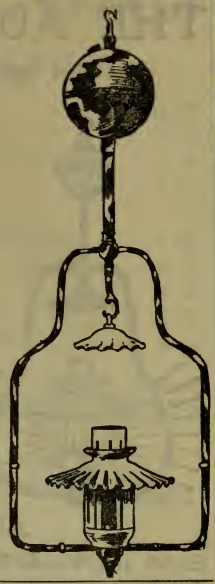
Metropolitan Daylight Lamp Co., 132-134 Lake St., Chicago, Ill.,

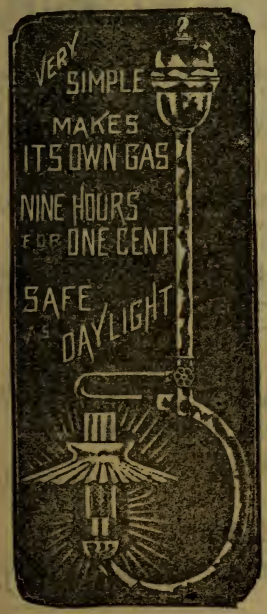
Is fully licensed by the insurance companies to use its gasoline lamps in insured buildings without increasing the rate. These lamps are guaranteed to make a better light than any other lamp manufactured. Burn four hours for 1 cent, furnishing 100 candle power. Exclusive agencies given. Anybody can operate them.

Write for circulars and full particulars to

Metropolitan Daylight Lamp Co.,
132-134 Lake St.,
Chicago, Ill.







100 CANDLE POWER

GAS LIGHT 15c. A MONTH.

Any Place; Ordinary Use; Produced by the

"BRILLIANT" SAFETY GAS LAMP.

ONE QUART GASOLINE BURNS 18 HOURS.

10,000 NOW IN USE in private residences, stores, etc. Every fixture makes its own gas; anybody can operate them; are portable and can be hung anywhere; one burner equal to five electric bulbs, two Rochester, or the best Welsbach burners, city gas; absolutely safe; approved by Insurance Companies and Underwriters.

Write for circular and particulars.

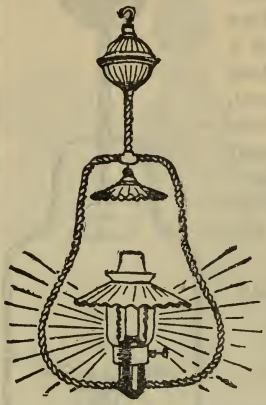
BRILLIANT GAS LAMP CO.,

Chicago, Ill., U. S. A.

The Gas Trust Buster,

THE AUTOMATIC GAS LAMP.

The Ideal Light of the 19th Century, a 100 Candle-Power Light for Two Cents for 20 Hours.



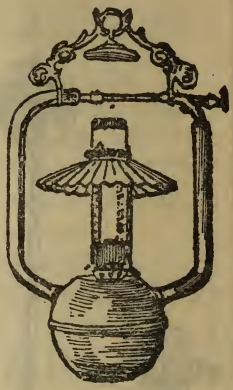
Its Distinctive Features.

(1) It affords **Better Light** than coal gas or electricity.
(2) It is **Free** from smoke or smell.
(3) It can be used in parlor, kitchen, or barn.
(4) It can be carried about as easily as a hand lamp.
(5) It is **More Easily Cared For** than the ordinary hand lamp.
(6) It is **Absolutely Free from Danger.**
(7) It is **Cheaper** than any other artificial light known.
(8) Our lamps have been passed by the Insurance Board of Underwriters.

The light can be reduced to a very small flame and can be used for Lodge Rooms, Stores, Factories, etc.

Our Jumbo Lamp gives 350 candle-power light for 10 hours with one quart of gasoline.

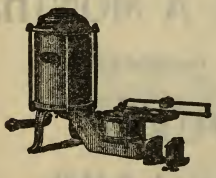
Mention WORLD ALMANAC and send stamp for catalogue and prices.



AUTOMATIC GAS LAMP CO.,

Eighth and Walnut Streets, - - - - - - - - Kansas City, Mo.

RIFE HYDRAULIC ENGINE



Pumps WATER Automatically Without Attention or Expense for

Irrigation, Country Residences, Creameries, Farms, Etc.

Used in place of Rams, Windmills, Gas Engines, Steam, Etc. Guaranteed. Estimate and Catalogue Free.

RIFE AUTOMATIC PUMP CO., - 126 Liberty Street, New York.

STUCKY & HECK,

Electrical Manufacturing Co., Ltd.,

ELECTRICAL AND MECHANICAL ENGINEERS AND DRAUGHTSMEN.

EVERY SYSTEM. REPAIRING, WINDING, CONSTRUCTING. EVERY SYSTEM.

35 N. J. RAILROAD AVENUE,

Opposite Market Street Railroad Depot,

Telephone, No. 977. NEWARK, N. J.

WINES AND LIQUORS

PRICE PER GALLON IN ONE-GALLON BOTTLES.

Port Wine,	$1 00	Old Rip Rye,	$3 00
Sweet Catawba,	1 00	Monitor Blend Rye,	3 00
Rye Whiskey, No. 3,	1 75	Storm King * (1 star) Rye,	3 00
Rye Whiskey, No. 4,	2 00	Angelica Wine,	1 00
Sherwood Rye,	2 50	California Claret,	75
Good Luck Rye,	3 00	Storm King ** (2 stars) Rye,	4 00
Holland Gin, No. 3,	1 75	Storm King *** (3 stars) Rye,	5 00
Sherry Wine,	1 00	Old Tom Gin,	2 50
Muscatel,	1 00	Jamaica Rum, No. 4,	2 00
Holland Gin, No. 4,	2 00	California Brandy, No. 4,	2 00
Golden Wedding Rye,	3 00		

Prices include bottles sealed and boxed. Persons wishing goods sent C. O. D. must remit $1.00 with order to insure good faith. Complete price list free. Twenty-five good cigars by mail, postpaid, $1.00.

"PLAYMATES," Our Lithographed Calendar for 1900, By Mail, Post Paid, Only 10 Cents.

J. C. CHILDS, 893 Third Ave., New York City.

J. & M. HAFFEN'S BREWING CO.,

Lager Beer Brewers,

632-644 EAST 152d STREET,

Between 3d and Courtlandt Avenues,

TELEPHONE, 71 MELROSE. NEW YORK.

WHY DRUGS For Nervous Debility?

"If electricity might be given in pill form its use would increase a thousand-fold." When many years ago the good famous Dr. Rockwell delivered himself of the foregoing, he little thought that the year 1900 would find such a stampede in favor of Galvanic Electricity as a curative. All doctors now use it. I have employed it for thirty years and give it in the only practical form. I am the inventor of the famous

DR. SANDEN

HERCULEX,

the great home self-treatment by Electricity. You place my Herculex appliance around your waist, as you would an ordinary belt, and wear it all night. It generates a great volume with small intensity. It pours life, strength, and vigor into your system while you sleep. It cures General Debility, Nervousness, Lame Back, etc. It is an improvement over my famous Dr. Sanden Electric Belt, which for twenty-five years was the standard.

FREE CONSULTATION.

If you live nearby, I should be pleased to have you drop in at my office, when you can see the appliance and test current.

I can then go over your symptoms and advise with you as to the possibilities in your case.

FREE BOOK BY MAIL.

If you live at a distance, write for my little book, "Health in Nature," which explains all about the Dr. Sanden Herculex. I answer letters personally, advising and diagnosing accurately by mail. Either write or call to-day.

DR. ALFRED SANDEN, - 826 Broadway, New York, N. Y.

Office Hours—9 A. M. to 9 P. M. Weekdays; 9 A. M. to 12 M. Sunday.

RHEUMATISM, LAME BACK CURED WITHOUT DRUGS.

The Dr. Sanden Herculex Appliance cures without the use of drugs. It is a home self-application of the proper galvanic current. Every one knows to-day that galvanic electricity is the only reliable treatment for Rheumatism, Lame Back, Sciatica, etc.

We all know or should know why. It is simply because galvanic electricity is the natural electricity. We find it in everything animate or inanimate. We find it everywhere. When the air has for some reason been depleted of it, notably before the approach of a storm, people do not feel so well, and those with rheumatic tendencies "have aches and pains."

THE DR. SANDEN HERCULEX

gives you this galvanic current in a convenient form. You place it comfortably around the waist, like an ordinary belt, just before retiring to bed. Use it all night. You will feel relieved of pain in the morning, but it must be worn at least 60 to 90 days for permanent results. The electrodes may be applied anywhere, carrying current to all parts of the body.

The Dr. Sanden Herculex is an improvement over the Dr. Sanden Electric Belt, which was for 25 years a standard treatment.

Write to-day for little descriptive book "Health in Nature," sent free by mail, or drop in at my offices for free consultation.

DR. ALFRED SANDEN, - 826 Broadway, New York, N. Y.

Office Hours—9 A. M. to 9 P. M. Weekdays; 9 A. M. to 12 M. Sunday.

Rich's Patent "JULIA MARLOWE" SHOES

Proclaimed by Thousands of Wearers the Most PERFECT-FITTING LADIES' FOOTWEAR ever produced. The PANEL of ELASTIC GORING in both Shoes and Oxfords causes them to fit EITHER HIGH OR LOW INSTEP perfectly and to yield to every action of the foot. They are made of the choicest kid in black or tan, in all sizes, all shapes of toes and all widths from A to EE.

McKay-Sewed Lace Boot, $3.25. Oxfords, $2.25
Hand-Turned Lace Boot, $3.75. Oxfords, $2.75

With Fancy Vesting Tops, 25 Cents Extra.
Sent, EXPRESS PREPAID, upon receipt of price and 25c

THE RICH SHOE CO.,
Dept. A. MILWAUKEE, WIS.

Write for Illustrated Catalogue

A STIFF NECK
OR LAME BACK CURED.
SLOAN'S LINIMENT.
ASK YOUR DRUGGIST FOR IT.

50 VARIETIES Strawberry Plants from $2 per 1,000 up. Send for my Nursery Catalogue. H. W. HENRY, La Porte, Ind.

WED 5,000 WANT TO MARRY many rich. LIST and PICTURES FREE. Walter McDonnell, C 40, Chicago, Ill. WISELY

TRICKS—387 tricks by mail, 10c. Address JOHN G. SCHEIDLER, Cleveland, O.

100 FIRES FOR 3c.—Warranted three years. Agents are selling thousands at big profits. Sample sent, postpaid, for 15c.
HOOSIER KINDLER CO., Cumorah, Mo.

LIFE INSURANCE POLICIES BOUGHT if issued by old line companies, with sufficient payments made to give them value, at E. B. Dillingham's Advertising Agency, Hartford, Ct.

PLAYS, wigs, beards, mustaches, tricks, and stage make-ups, also latest novelties for agents to sell; illustrated catalogue free. Address CHARLES E. MARSHALL, Manufacturer, Lockport, N. Y.

AGENTS WANTED EVERYWHERE — "The Little Giant Cyclopedia and Treasury of Ready Reference," 1900 edition, now ready; speaks for itself. For descriptive circular and terms address W. W. WILSON, Publisher, 14 Thomas St., New York.

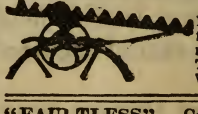
ARE YOU HARD OF HEARING OR DEAF?
Send stamp for full particulars how to restore your hearing by one who was deaf 30 years. Dept. 12. JOHN GARMORE, Mt. Lookout, Cincinnati, O.

TEN WEEKS FOR TEN CENTS.
That big family paper, the "Weekly Sentinel," of Denver, Col. (founded 1890), will be sent 10 weeks for 10c; clubs of six, 50c.; 12 for $1. Special offer solely to introduce it. Latest mining news and illustrations of grand scenery, also true stories of love and adventure. Stamps taken.

$5.85

Im. 17 JEWELLED
Adjusted, patent regulator, stem wind and stem set, genuine NATIONAL SPECIAL movement. Ladies' or Gents' size. WARRANTED 20 YEARS. 14K. Gold plate hunting case, elegantly engraved. Fit for a king. No better watch made. Must be seen to be appreciated. Special offer for next 60 days, send your full name and address and we will send this watch C. O. D. with privilege to examine. If found satisfactory pay agent $5.85 and express charges. A guarantee & beautiful chain add charm sent free with every watch. Write at once as this may not appear again.
NATIONAL MFG. & IMPORTING CO., 334 Dearborn St., B 868. Chicago, Ill.

The World's Washer
Sent on trial, wholesale price. You try it till you're satisfied, then pay. My plan enables you to do this. I pay freight. Circulars free. Agents wanted.
C. E. ROSS,
505 Clean St., Lincoln, Ill.



THE FOWLER Mower Knife Grinder; every farmer wants one; sells rapidly; agents wanted. Taughannock Emery Wheel Co., Cortland, N.Y.

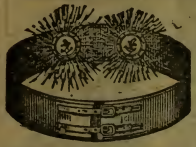
"FAULTLESS" COLLAR BUTTONS. Comfort and Economy. 25c. per pair by mail. W. D. Redington, Binghamton, N.Y.

CATALOGUES OF THOUSANDS OF
PLAYS! SENT FREE. PLAYS! SENT FREE.
Largest assortment in the world. All kinds of books for home amusements, including 100 new plays just issued. SAM'L FRENCH, 26 West 22d St., New York City.

INDIAN RELICS & CHINESE JADES for sale. Dr. W. O. EMERY, Crawfordsville, Ind.

THE ANCHOR ELECTRIC BELT.

AGENTS WANTED BOTH SEXES.



GOODS SENT TO RELIABLE PERSONS TO BE PAID FOR AFTER SELLING. W. H. Palmer, Glasgo, Ct., has sold 1,000 belts, and as high as 20 in a day. With the Anchor Belt the power of the batteries is fully demonstrated; they will turn a needle through a plate, table, or your hand, which is an Agent's Great but Silent Salesman. Wear the batteries and the electricity passes all through your system. No one who cannot wear them. Cures Rheumatism, Liver and Kidney Disease, Weak and Lame Back, Nervousness, Weakness, Poor Blood, Chills, Nervous Prostration, Hysteria, Trembling, Pains in the Side and Back, Apoplexy, St. Vitus' Dance, Palpitation, Nervous and Sick Headache, Dyspepsia, Indigestion, Loss of Appetite, Neuralgia, Nervous Debility, Female Complaints, Piles, Constipation, Catarrh, Paralysis, Dumb Ague, Sleeplessness, Sciatica, Epileptic Fits, Numbness, Skin Disease, Prevents Cold Feet and taking cold, as you would not take cold if your blood was circulating properly as strongly as it should. Wearing the batteries on our belt gives a comfortable glow of warmth all over the body, which shows that it is acting on the circulation. All of these troubles and some others come from impure blood, which causes a sluggish circulation. Electricity gives the blood its proper circulation and the liver a healthy action, makes it perform all its functions properly, which are to separate the pure from the impure, and throw all the impurities into the Bowels, where they operate as Nature's Physic, giving healthy action and preventing all constipation, while the blood passing on in circulation remains pure. For advertising purposes we will give ONE BELT FREE OF ANY COST to one person in each locality. Address E. J. SMEAD & CO., Department No. 402 Vineland, New Jersey.

WANTED—Men and ladies to start a profitable Mail Order or light Manufacturing Business at home. We supply you with everything. Stamped envelope for particulars; state age. Address Home Mfg. Supply Co., box 449 Chicago, Ill.

To Cure Piles and Female Diseases.

I have discovered a positive cure for all female diseases and the piles. It never fails to cure any of the various diseases peculiar to women, such as leucorrhœa, displacements, ulceration, granulation, etc., or the piles from any cause or in either sex. I will gladly mail a box of this wonderful medicine free to every sufferer. Mrs. C. B. Miller, box 140 Kokomo, Ind.

OPIUM and Whiskey Habits cured at home without pain. Book of particulars sent **FREE.** B.M.WOOLLEY, M.D. **Atlanta, Ga.** Office 104 N. Pryor St.

LAME BACK. Our sure cure. By mail, 20 cts. Sworn proofs free. Dr. T. Jones, Esto, Ky.

IT IS A PROVEN FACT that the Magic Lamp Chimney Protectors save nine out of twelve chimneys; 25c. each; money refunded if not satisfactory. For sale by J. KULCSAR, box 276 Concord, Mass.

$10 Cash paid per 1,000 for used Stamps. I buy them myself, 1, 2, 4, 5, 6 and all kinds. Send 10c. for part. and price list compl. A. Scott, Cohoes, N.Y.

MRS. WINSLOW'S SOOTHING SYRUP

FOR CHILDREN TEETHING

Should always be used for children while teething. It soothes the child, softens the gums, allays all pain, cures wind colic, and is the best remedy for diarrhœa. **25 Cents a Bottle.**

A Lady Tells How She Supports Herself and Family.

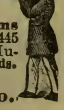
"I often read of ladies who work hard trying to earn enough to keep body and soul together, and for their benefit I will relate how easily one can get along in the world if they only know how. There is a big firm in Pittsburgh that manufactures flavoring powders. I had tried them myself and knew they were splendid, so sent for samples and tried selling them. I found it so pleasant and easy that I have kept right at it, and never make less than $3 a day and often clear more than $5. The powders go twice as far as the liquid extracts sold in stores and are much stronger. I sell from one to eight different flavors in each house. They are used for ice cream, custards, cakes, candies, etc., and are so delicate and give such a rich flavor that everywhere I go I gain a permanent customer. Those of your readers who would like to make money can get full particulars by writing to W. H. Baird & Co., 328 Telephone Bldg., Pittsburgh, Pa., and they will give you a good start. I support myself and family nicely, and we have a good many comforts we never had before." Mrs. L.

CLIP THIS COUPON — GOLD

Cripple Creek Mining Stocks. Are sure, safe and quick investments when judiciously purchased through a reliable broker..... Get our references and booklet, send three two cent stamps for same. Learn all about real mining and money making mining stocks. Barbee, Mc. Donald & Co. Colorado Springs, Colo.

FARMERS! A NEW WAY TO SELL YOUR GRAIN. Instead of selling your grain as heretofore (1 to 2 cts and now emaintenance's profit. We have Saved Farmers Thousands of Dollars. Why don't YOU try it? Address for full particulars, H·H·CARR & CO. 94 Board of Trade CHICAGO.

Brass Band Instruments, Drums, Uniforms & Supplies. Write for catalog. 445 illustrations. FREE; it gives Music and Instructions for New Bands. LYON & HEALY, 55 Adams St., Chicago.



LIQUID WHEAT, the great health drink, $1; Oats Essence for the weak and nervous, $1; samples free. National Inst., W. A. 199, Masonic Temple, Chicago.

Free Send to Edgar Tate & Company, 245 Broadway, New York, for the most profitably interesting little book on inventions ever written.

ONCE TRIED, ALWAYS USED.

THE BAR-KEEPER'S "FRIEND"

TRADE MARK

FOR
SCOURING, CLEANSING AND POLISHING

BAR FIXTURES, DRAIN BOARDS
AND ALL
Tin, Zinc, Brass, Copper, Nickel and all Kitchen and Plated Utensils. Glass, Wood, Marble, Porcelain, Etc.

GEORGE WM. HOFFMAN,
Sole Manufacturer and Proprietor,
295 EAST WASHINGTON ST., INDIANAPOLIS.

THE BAR-KEEPERS' FRIEND.

TRADE MARK REGISTERED IN U. S. PATENT OFFICE.

Sold by all dealers in One-Pound Boxes for 25 cents.

LADY AGENTS—On the wonderful "Ideal Hat Fastener;" hatpins discarded; no mirror required to adjust hat; invisible, transferable; quickest seller on earth; big profits; samples 25c.; every set guaranteed. Mrs. M. Lincoln, E. Manning Street, Providence, R. I.

AGENTS WANTED; best line novelties toys; big illustrated catalogue; samples 10c.; big bargains given. UNION MANUFACTORY AND AGENTS' SUPPLY CO., Haworth, N. J.

MARRIAGE PAPER.
Best Published—FREE.
J. W. GUNNELS, Toledo, Ohio.

LIVE POULTRY Paper 25c. a year. Sample free. Poultry Item, Fricks, Pa.

---

300 VARIETIES of stamps, 40c.; 200, 25c.; 100, 6c. SO. CAL. STAMP CO., Santa Anna, Cal.

Sent to any U. S. address prepaid

100 for **$1**

Ten flat packets of ten each in neat wood box.

Money back if not pleased.

Size Four Inches.

Long-leaf filler.

Hand-rolled, they burn evenly.

Their flavor is delicate and rich.

LUCKE'S ROLLS

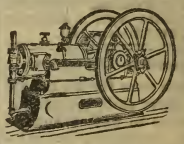
Made of a stock for 50 years controlled by Spanish export trade in Porto Rico. Secured by us for American consumption at 1-6th cost of Cuban leaf.

A most pleasing astonishment to any lover of a rich, tropical-flavored tobacco.

NOTE—"The Lucke Rolled Cigar" is a large full cigar-weight edition of this stock, selected. We send box of 50 for $1.25. Goods guaranteed.

J. H. LUCKE & CO.,
100 Lucke Block, Cincinnati, O.

CHARTER GASOLINE ENGINE.



USED Any Place By Any One For Any Purpose.

Stationaries, Portables, Engines and Pumps.

State Your Power Needs.

Charter Gas Eng. Co., 913 Wallace St., Sterling, Ill.

For Sale—Farms

23,000,000 acres; 60-page catalogue sent free, describing and pricing rich farms, wild lands, and corporation properties. W. H. CRAWFORD & CO., Southern Colonizers, Real Estate, Rental and Loan Brokers, 323½ Union St., Nashville, Tenn.

RUPTURE

CURED FREE to introduce our method. Send stamp if convenient. ALEX. SPEIRS, 590 Main St., Westbrook, Me.

USE "MRS. WINSLOW'S .....SOOTHING SYRUP"
For children while teething. It cures diarrhœa, wind colic, and regulates the bowels.

JOHN F. SHAFER, M.D.,

Founder of URINOPATHY,

WILL TREAT FREE for one month one patient in every city, town, and village in the United States and Canada. Literature, showing remarkable cures, and how accomplished, sent free. Consultation and diagnosis free. Send four cents for postage and mailing case for urine will be sent. All chronic diseases of either sex treated successfully by mail. Fee reasonable.

Address DR. JOHN F. SHAFER, 422 Penn Ave., Pittsburgh, Pa.

TO INTRODUCE our Perfumery to readers of this almanac we will send **Free of Charge** by mail one beautiful Silver Steel, Elegantly Engraved Spoon, in box, to any lady sending name and address. With the Spoon we will send full particulars about our Perfumery. This is an honest offer by a reliable concern. BEAR IN MIND, you get the Exquisite Spoon free. This offer **good for 30 days only.**
PERSIAN PERFUME CO., 19 Warren St., N.Y.

Thought Reading.

Vital Magnetic Power, Mesmerism, Hypnotism. For private circulation only, by Prof. Randall, the London psychologist. Contains the essence of scientific procedure and secret of the force. How to establish magnetic power and become a practical operator. Price only $1; 100-page book on hypnotism, 10c.; one on personal magnetism, 10c.; catalogue free. Occult Pub. Co., W. A. 99, Boyce Building, Chicago.

A. H. PATCH,

CLARKSVILLE, TENN.,
Inventor and sole maker of
"BLACK HAWK" CORN SHELLERS.
Thirteen years' record as original and only good low-priced hand Corn Sheller.
EVERY MACHINE GUARANTEED.
Write for agents' prices.

TELEGRAPHY

offering unsurpassed opportunities. Tuition, board and room, six months' course, $78. This can be reduced one-half. School organized 1874. Positively the only school in which the student can become qualified for a position. Catalogue free.
Dodge's Institute, Valparaiso, Ind.

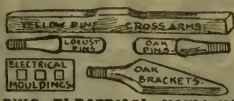
Poultry PAPER, illust'd, 20 pages, 25 cents per year. 4 months' trial 10c. Sample free. 64-page practical poultry book free to yearly subscribers. Book alone 10c. Cat'l'g of poultry books free. Poultry Advocate, Syracuse, N. Y.

$160 Saw Mill

for Farmers. Also best modern improved Mill for Lumbermen; also Planers and Matchers. Manuf'd by **SALEM IRON WORKS, Salem, N. C.**

Central Manufacturing Co.,

Chattanooga, Tenn.



Manufacturers and Dealers in
YELLOW PINE CROSS ARMS, LOCUST PINS, OAK PINS, ELECTRICAL MOULDINGS, OAK BRACKETS.

Large stocks on hand. Delivered prices quoted, F. O. B. cars, your city, in any quantity.
☞ *Write us.*

WE EXCEL AND UNDERSELL ALL!

Electric Carriage Lights,	$3.95
$15 Telephones, complete,	5.95
Telegraph Outfits,	2.25
$8 Medical Batteries,	3.95
Battery Table Lamps,	3.00
Electric Railways,	2.95
Electric Necktie Lights,	.75
Miniature Electric Lamps,	.30

Agents Wanted. Send for New Catalogue, just out.
OHIO ELECTRIC WORKS, Cleveland, Ohio.
Headquarters for electric novelties, supplies, books.

$61.50 WEEKLY—Introducing and selling brand-new
GASLIGHT BURNERS FOR KEROSENE LAMPS.
No chimneys, no smoke, fits any lamp, lasts for years. Easily sold in every house or office. Beware of imitations. Samples free. **Wm., PERFECTION MFG. CO., Cincinnati, O.**

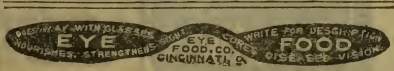
Do You Want One

of these Gold-Filled Alaska Diamond Rings? If so, send us the names and addresses of 2 people and **10 cts.**, silver or stamps, to help pay postage, packing, etc., and we will send you this handsome Ring for your trouble. Send slip of paper size of finger. Address **Howard Mfg. Co.**, 37 V St., Providence, R.I.

H. C. B. a wonderful preparation. Will force a mustache on the smoothest face in 19 days. **4,000** bottles given away! If you want one, send **10 cents** for postage, etc., to WESSON MANUFACTURING CO., 230 E St., Providence, R. I.

10c. Buys This Fifty-Cent Sheet Music,

The great descriptive Song, **"I'll Start for Home To-Morrow."** Also latest music catalogue, and book with words and music of 20 song **"Hits."** **Union Mutual Music Co., Dept. "W," 20 E. 14th St., New York.**



IF YOU USE RUBBER STAMPS
send us your address.
HOWARD MFG. CO., West Brockton, Mass.

Slocum Cures

Consumption

Weak Lungs, Grippe, Catarrh, Throat and Lung Troubles

NO FAILURES

when the complete Slocum System of Treatment, as advised for each case, is conscientiously followed.

The cure is positive, complete, permanent, undeniable.

The effect of the treatment is shown after the first few doses, and a steady improvement continues until the final cure.

FREE MEDICINE

is offered to all who wish to convince themselves of my ability to deal with their case. A full FREE course, comprising Four separate and distinct Preparations, will be sent on request, without charge, with full directions for use in any case.

Simply send your name and express and post-office address to Dr. T. A. Slocum, 98 Pine St., New York, mentioning THE WORLD ALMANAC, when the **free medicine** will be sent you without delay.

ESTABLISHED 1870.

J. C. SCHNOTER,

PATENT CORSET
SHOULDER BRACE

For Round Shoulders, Weakness, and Curvature of the Spine.

Makes the form erect, expands the chest, strengthens the lungs, and is comfortable to wear.

ELASTIC STOCKINGS,
KNEE CAPS, and ANKLETS.

Also **Trusses**, Abdominal Supporters, Crutches, Braces for Deformity, etc., etc.

Competent lady attendants. Separate parlors.

Suspensories Prevent Varicocele.

Caution.—As a protection against parties who are putting inferior goods on the market representing them to be the **Celebrated Schnoter's Suspensory Bandages,** a pink label is put in every box of the genuine SCHNOTER bandages.

See that the inventor's initials J. C. before the name of SCHNOTER are on every box and bandage. For sale by all Druggists in the United States.

"BEWARE OF IMITATIONS."

Explanation of *Varicocele* mailed free.

J. C. SCHNOTER CO.,
Sole Manufacturers,
523 Sixth Avenue, NEW YORK.
Notice.—We are near 31st Street.

DR. SOMERVILLE'S

Veterinary Medicines.

"ANTI-FEVER" Medicine cures Fevers, Chills, Coughs, Influenza, Founder, Staggers, Inflammation of Lungs, etc. Price, 50 cents and $1.00.

"ANTI-PAIN (or COLIC)" Medicine cures Colic, Indigestion, Cramps, Scours, Bloating, Difficulty in Staling, etc. Price, $1.00.

Sold by druggists and dealers in medicine.
Send for pamphlet, free. Mention WORLD ALMANAC.

Somerville Veterinary Medicine Co.,

61 FRANKLIN STREET, BUFFALO, N. Y.

Free Book on Piles!

If you suffer it's your own fault; we cure Piles; sold ON WRITTEN GUARANTEE.

Send for FREE book to

QUENCER

400 WEST 57th STREET, NEW YORK.

Have your druggist order it for you.

New Cure for Epilepsy.

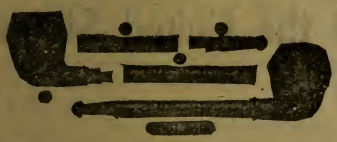
If you suffer from Epilepsy, Fits, Spasms, Spells, Falling Sickness, St. Vitus' Dance, etc., have children, relatives, friends, or neighbors that do so or know people that are afflicted, my New Treatment will immediately relieve and PERMANENTLY CURE them, and all you are asked to do is to send for a FREE bottle and try it. Sent in plain package and express prepaid. It has CURED thousands where everything else failed. My 90-page Illustrated Book, "Epilepsy Explained," FREE by mail. When writing, please mention reading this in THE WORLD ALMANAC, and give name, AGE, and express and post-office address. All correspondence professionally confidential.

WM. MAY, M. D., MAY LABORATORY, 94 Pine St., New York City.

The Pipe of the Century....

The "MALLINCKRODT"

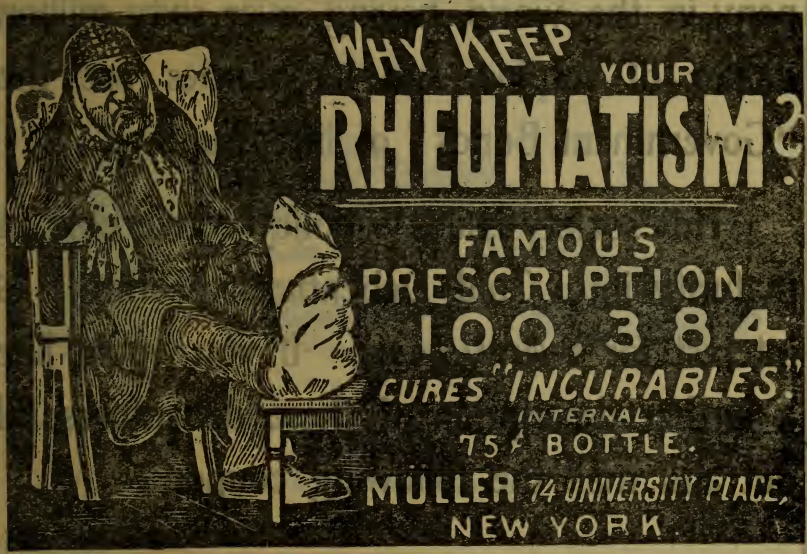
Patent Nicotine Absorbent and Ventilated Smoking Pipe is the Only Pipe fit for a Gentleman to Smoke.



Bowls of the **Best French Brier**, exceedingly neat and graceful in appearance, and cost no more than an ordinary pipe. There are no filthy stems to clean, and by a simple and effective construction the poisonous nicotine juices are thoroughly absorbed before reaching the mouth, and a cool, clean, and healthy smoke thereby assured. Money refunded if not satisfactory. Over 100,000 sold in 1898 alone.

Send for Illustrated Circular "W. A.," and prices. Mention WORLD ALMANAC.

THE HARVEY & WATTS CO., STATION E, PHILADELPHIA. 275 Canal St., N. Y.



JAMES JOSEPH,

Rhine and Moselle Wines,

Bingen-on-the-Rhine, Germany.

Special Brands: { *"Josephshoefer" and "Binger."*

NEW YORK:
44 and 46 PEARL STREET.

As the Beacon Light guides and protects the mariner, so a policy in the Equitable Life Assurance Society of the United States protects the family.

The Equitable is the strongest life company in the world, having over sixty million dollars of surplus, and its policies are the "Government Bonds" of life assurance.

This society issues a policy convertible at maturity into Gold Debentures bearing 5% interest for twenty years. If you would like a further description of these debentures, fill out and mail the following coupon:

Equitable Society, 120 Broadway, New York.

*Send Booklet describing 20 Year 5% Gold Debentures with assurance guarantee, at age*_____

*Name,*_____

*Address,*_____

REASONABLE FEES FOR PROMPT AND SKILLED SERVICES.

Established 1869.

R. S. & A. B. LACEY,

SOLICITORS OF AMERICAN AND FOREIGN . . . . . **PATENTS,**

Pacific Building, 622-624 F St., N. W., WASHINGTON, D. C.

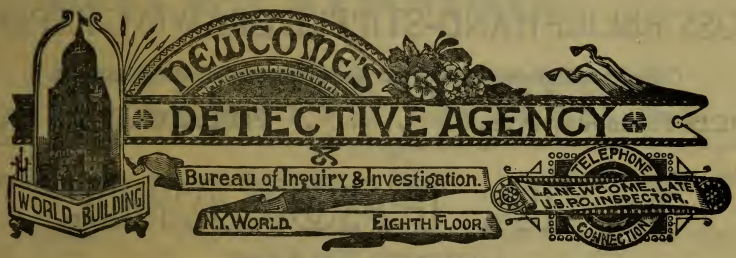
☞Comprehensive Illustrated Hand-Book and other matter of value to Inventors mailed FREE. Write for information relating to free advertising in the Commercial-Inventor, our own publication. 50,000 readers.

NO CHARGE FOR EXAMINATION AND OPINION AS TO PATENTABILITY.

Please mention WORLD ALMANAC.

ESTABLISHED 1876.

Licensed by the State of New York.



EIGHTH FLOOR, WORLD BUILDING,

NEW YORK CITY.

Telephone, { 1215 Cortlandt. 1240 18th.

P. F. BROGAN. CHARLES E. REID.

BROGAN & REID,

ARCHITECTS,

119 East 23d Street, New York.

The Best Billiard and Pool Tables in the World . . .

ARE MANUFACTURED BY

THE BRUNSWICK-BALKE-COLLENDER CO.

Artistic Designs, Perfect Construction and Finish High Grade Outfits.

The "Monarch" Quick Cushions are unequaled for Speed, Accuracy, and Durability. **Billiard Cloth, Ivory and Composition Balls, and all Billiard and Pool Supplies.** Sole Manufacturers of **New Steel Plate Bowling Alleys,** which have the only absolutely perfect playing surface. Also Wooden Bed Bowling Alleys, Ten Pins, Balls, and all Bowling Supplies. Perfect refrigeration is insured by using refrigerators made under the celebrated Wickes Patents. A large line of tile and wood lined refrigerators, suitable for household purposes, constantly in stock. Folding, Opera and Assembly Chairs, Settees, Church and Lodge Room Furniture, etc. Bank, Saloon, and Office Fixtures, Beer Coolers, etc. Call or write for catalogues and price lists.

860 Broadway, Cor. 17th St. (Union Square), NEW YORK.

CHARLES J. ROSS,

Manufacturer and Importer of

ARTISTS' AND PHOTO-ENGRAVERS' PAPERS,

ROSS' RELIEF HAND-STIPPLE DRAWING PAPERS

Crayon and Embossed Line Tints for all kinds of Process Engraving.

1525 Fairmount Ave., ... PHILADELPHIA, PA.

A. B. PACKARD,

QUINCY, MASS.

Dealer in Tin, Lead, Antimony, and Spelter. Also manufacturer of Linotype, Stereotype, and Electrotype Metal. Refiner of Type Britannia and Solder Dross. Special attention given to making Metal for Newspaper Work. Over 100 Newspapers using my Metal.

ESTABLISHED 1853. INCORPORATED 1892.

SWAN & FINCH COMPANY

REFINERS AND DEALERS IN

OILS,

151 MAIDEN LANE,

NEW YORK.

ALDEN S. SWAN, President. CHAS. N. FINCH, V.-Pres. and Treas. JAMES C. PEABODY, Sec'y and Manager.

PATENTS.

INVENTORS and MANUFACTURERS need an expert on "The Spot"—Washington—to procure and guard their patent protection, and thus save time and money. I PERSONALLY prepare my cases. Reasonable fees. "PATENT INTRODUCTION" free. Address,

HUBERT E. PECK, Registered Patent Attorney,

629 F STREET, N. W., WASHINGTON, D. C.

WE - NEVER - SLEEP.

INTERNATIONAL DETECTIVE SERVICE,

311 Atlantic Trust Building, Baltimore, Md.

Evidences in law cases obtained. Absent witnesses, missing parties traced, habits of employés ascertained, origin of fires investigated, records searched, and all other business requiring the aid of detectives to furnish attorneys with evidence necessary for criminal or civil cases. Credibility and character of witnesses ascertained. Jurors investigated.

A specialty made of services required by banks, corporations, and railroad companies. Superior advantages in this class of cases caused by over 20 years' experience in the detection of criminals.

A legitimate Detective Business transacted promptly, efficiently, and confidentially in any part of the United States, Canada, or Europe.

None but reliable and expert assistants employed. Terms reasonable. Consultation free.

T. J. HARDESTY & CO.

Patents.

Send drawing, model, or photo with description of your invention, and I will advise you as to patentability FREE.

I do not make any special offers, but do guarantee the best work and prompt service.

Rejected cases given special attention.

Send for Circular.
Best References.

Trade-Marks, Designs, Copyrights, Searches, Opinions, Interferences.

DAVID P. MOORE, Patent Attorney,

Washington Loan and Trust Bldg., WASHINGTON, D. C.

Patented.

See That Clip?

"THE NIAGARA."

Patented.

Its shape adds attractiveness. Its merit is in its simplicity.

Made of the best Spring Wire. The loops being formed with a heavy tension, holds securely from the thinnest sheet of paper up to ¼ inch in thickness, and can be used over and over again. Better than Pins for Filing Letters, Records, Cards, etc. Avoid unsightly pin holes in attaching second letters, business cards, checks, drafts, invoices, etc. Put up in boxes of 100 especially for desk convenience.

Agents Wanted.

Agents Wanted.

Special mail package (1,000 clips), price $1.50. Sample box, 20 cents, postpaid.

NIAGARA CLIP CO.,

123 Liberty St., New York, U. S. A.

Also Buffalo, N. Y.

MANUFACTURERS OF

WIRE AND OTHER AUTOMATIC MACHINERY.

Patented.

Patented.

$200 TYPEWRITER

Install. $50
Cash, net $40

The Commercial Visible Typewriter

is more than a $100 machine, as it excels any one of the $100 machines, and in fact all of them combined.

Of the 12 Known $100 Machines only

1 is really portable.
2 can show simplicity.
5 partial visible writing.
3 interchange ribbons.
3 write on ruled lines.
4 do good ink ruling.
9 indicate the letter.
8 have a light touch.
1 fitted for languages.
2 auto. paper control.
1 paragraph indicator.
1 permanent alignment.
6 partial manf'ld al'nmt.
11 do good manifolding.

THE COMMERCIAL VISIBLE TYPEWRITER

has all these and many other features, besides a dozen no other machine has.

VISIBLE WRITING. UNIVERSAL KEYBOARD.

SEND FOR CATALOGUE.

Agents wanted in unoccupied territory.

COMMERCIAL VISIBLE TYPEWRITER,

300 BROADWAY, Rooms 203-210, NEW YORK CITY.

A BATH FOR TWO CENTS.

That is all it costs. How can you get more comfort for the money? This is furnished by

VICTOR INSTANTANEOUS WATER HEATER.

THE VICTOR occupies but little space and is always ready for use. It will furnish you with hot water day or night in a few seconds.

For bathing, shaving, in case of sickness, or wherever hot water is required instantly, the Victor is what you need.

Ask your plumber for it, or write for descriptive circular, sent free.

W. J. ADAM, Joliet, Ill.

STAR.
1 pound by ½ oz., $1.35 prepaid.

POSTAL SCALES.

USEFUL PRESENTS

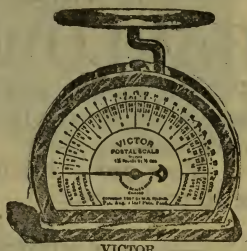
For LADY'S or GENTLEMAN'S DESK

They tell at a glance the exact cost of postage in cents on all mail matter.

BEAUTIFULLY MADE.
VERY ORNAMENTAL.
WARRANTED ACCURATE.

PELOUZE SCALE & MFG. CO.,
135 S. Clinton Street, CHICAGO.

Send for circular of *Household* scale, 24 lbs., $1.75 prepaid.



VICTOR.
1½ pounds by ½ oz., $1.90 prepaid.

Send for Catalogue B, Useful Presents.

THE Universal Sharpening Machine.

A MACHINE FOR HOUSEHOLD AND GENERAL USE.

The only perfect knife sharpener on the market.

The machines are practical, durable, and simple.

It requires no skill to operate the machine and it takes only a few minutes to sharpen a knife perfectly.

Silver knives can be sharpened without damage to the blade.

Knives keep their proper shape and last much longer when sharpened with a Universal Machine.

Every family is in need of this machine.

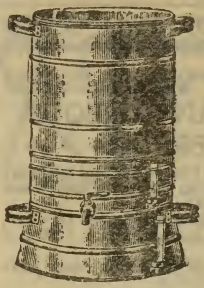
No. 2 Japan, - - - - -	$2.50.
No. 4 Nickel, - - - - -	3.50.

We will send these machines express charges prepaid on receipt of price.

Send for descriptive catalogue and terms to agents.

Universal Sharpening Machine Co.,

900-902 FISHER BUILDING, 277-285 DEARBORN STREET, CHICAGO, ILLINOIS.



PURE WATER

is water free from organic matter which produces disease, and from earthy salts which induce stiff joints, rheumatism, and disorders of the kidneys.

THE SANITARY STILL

produces it (aerated) in any quantity very cheaply and simply. Our $10 Still has twice the capacity of others, and is the only Still recognized by the U. S. Government. Send for booklet.

THE CUPRIGRAPH CO., 69 North Green Street, Chicago.

A Moistened Finger-Tip Dipped in

BARLOW'S INDIGO BLUE

Will lift enough powder to blue the laundry of an average family weekly washing. It is the oldest, best, and most economical bluing made.

Your grocer has it on sale. Try it on next wash day. Five cents or 10 cents a box.

PFROMM & KINDIG,

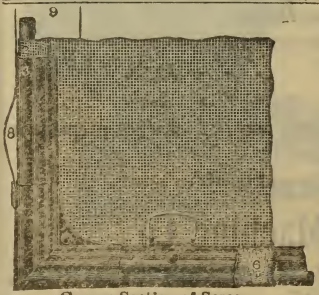
Successors to D. S. WILTBERGER, 233 N. 2d St., Philadelphia, Pa.

THE CHICAGO WASHER

is the Housewife's friend. It is a double rubbing machine that is operated by rocking. It is easy on the operator and on the goods. Can be operated either sitting or standing or by a child. Will wash anything from a handkerchief to a carpet. Price only Five Dollars. Ask your dealer for it. If he has not got it write us. Ask for Washer Catalogue M.

Famous Manufacturing Co.,

CHICAGO, ILL.



Corner Section of Screen.

THE HIGGIN METAL FRAME

FLY SCREEN

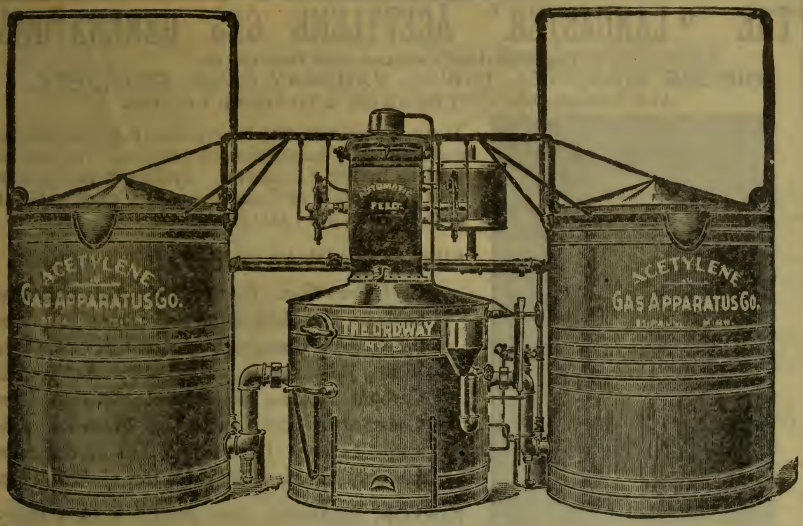
Has no equal for Strength, Beauty, and Durability. Is made entirely of metal and cannot shrink, swell, or warp. Is to be found in many of the finest homes in the United States.

Send for "Catalogue A" and further information.

THE HIGGIN M'F'G COMPANY,

506 Washington Avenue,

Newport, - - - - - Kentucky, U. S. A.



THE ORDWAY AUTOMATIC-FEED ACETYLENE GAS GENERATOR.

The only scientifically correct principle. Small segregated charges of carbide automatically dropped into the water at the desired moment. No overproduction nor waste of gas possible. No overheating and no odor. The gas is washed and purified, producing better quality and larger volume than by any other process. *Recharge once a month. Visible carbide supply.*

The Ordway conforms to the theoretical standard, as outlined by all scientific authorities. A perfect working "Plunger" machine.

Town lighting a specialty. We have a number of small town plants in successful operation.

Generators, with single gasometers, for small installations.

We refer to those who use and know our machine:

The Great Northern Ry. Co.; the Jobbers' Union; the Manufacturers' Union; the Crane & Ordway Co.; Farwell, Ozmun, Kirk & Co., all of St. Paul, and hundreds of others.

Write us your needs. Mention WORLD ALMANAC.

Acetylene Gas Apparatus Co.,

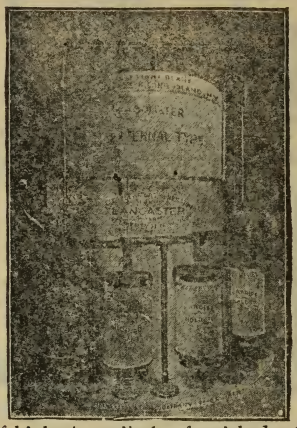
Jackson and Eighth Sts., - - - St. Paul, Minnesota.

THE "LANCASTER" ACETYLENE GAS GENERATORS

For Lighting, Cooking, and Heating in

HOUSES, CHURCHES, TOWNS, RAILWAY CARS, SHIPS, ETC.

ALL SIZES AND STYLES FROM 5 TO 10,000 LIGHTS.



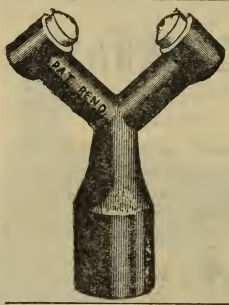
These Generators can be erected, run, re-charged and cleaned by inexperienced persons. The cost of lighting by the "Lancaster" system is no greater than if common coal gas is used, and procurable at only 45 cents per 1,000 cubic feet.

SPECIAL ADVANTAGES:

Cool, Pure Gas. Inactive Pots Automatically Sealed. Gas Generation Self-controlled. Entire Carbide Consumption Assured. No Odor While Re-charging. Absolutely Automatic. Carbide Holders Replaceable During Use. Constant or Regulatable Gas Pressure. Absolute Safety. 15,000 cubic feet of common gas only equals 1,000 cubic feet of Acetylene.

PARLOR, READING AND CYCLE GAS LAMPS of highest merit also furnished. Catalogues and Agents' Prices on application. Builders of the "Lancaster" Dredging, Mining, Pumping, Hoisting and Conveying Machinery, Placer Gold Washers, Drills, etc.

JAMES H. LANCASTER COMP'Y, 95-97 Liberty St., New York, U. S. A.



The "HAHN" Acetylene Gas Burner.

DOES NOT CARBONIZE.

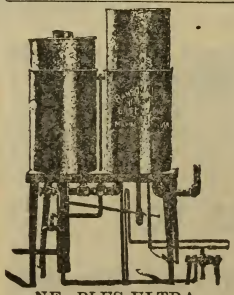
DOES NOT SMOKE. DOES NOT BLOW.

A Perfect Burner with a Perfect Flame.
Special Burners for Bicycle Lamps.

Manufactured and Sold by

J. B. CARROLL,

84 Market Street, Room 325, Chicago, Ill.



NE PLUS ULTRA.

THIS IS NOT ACETYLENE GAS.

You can make your own GAS AT HOME.

It will do your Lighting, Heating, and Cooking. Its Cost is About One-Fourth that of City Gas with the

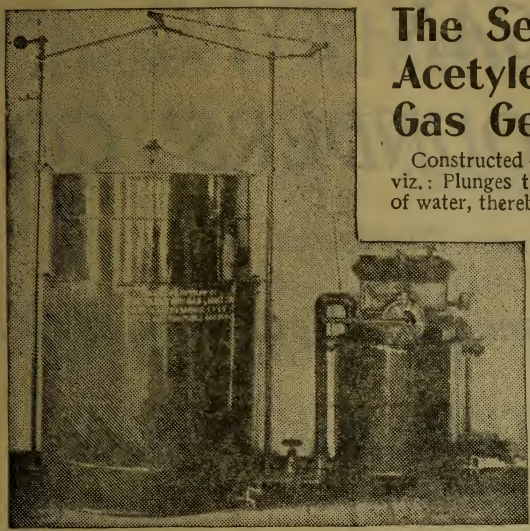
RANSOM GAS MACHINE.

NEW PROCESS. NO SMOKE. NO ODOR.

Write for Particulars and Prices.

RANSOM GAS MACHINE CO., 373 E. Water St.,

Mention WORLD ALMANAC. MILWAUKEE, WIS.



The Searchlight Acetylene Gas Generator.

Constructed on the only correct principle, viz.: Plunges the CARBIDE into an excess of water, thereby assuring a gas at all times cool and free from impurities, and liberating ALL the gas from the CARBIDE.

Gas confined by water seals, making excessive pressure impossible.

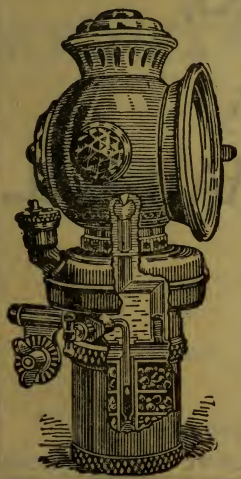
Made in all sizes. Large buildings and town lighting a specialty.

BURNERS DO NOT CLOG WHEN USING THIS GENERATOR.

Write for further particulars and prices.

THE ELECTRIC GAS LIGHT CO., 842 Equitable Bldg., BALTIMORE, MD.

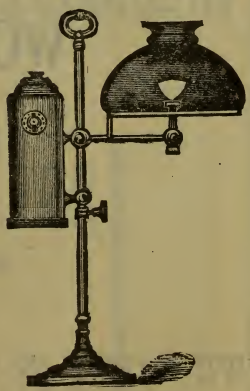
....THE LIGHT OF THE WORLD....



THE BUNDY ACETYLENE GAS LAMPS.

Made for Bicycles, Carriages, Firemen, Trainmen, Physicians, Banquet and Reading Lamps.

Write for Catalogue.



The Frank E. Bundy Lamp and Sundry Co.,

DRAWER Z, ELMIRA, N. Y., U. S. A.

AMERICAN TYPE FOUNDERS' CO.

....NEW YORK BRANCH....

Rose and Duane Sts., New York, N. Y.

TYPE, PRESSES,
PAPER CUTTERS,
WOOD GOODS,
PRINTERS' MATERIAL.

WE CARRY IN STOCK.....

All the Modern and Attractive Type Faces Produced by Our Various Branches.

Chas. A. Schieren & Co.,

New York, Chicago, Philadelphia,
Boston, Pittsburgh.

....TANNERS AND MANUFACTURERS OF....

SHORT LAP, OAK TANNED, LEATHER BELTING.

Oak Leather Tanneries at Bristol, Tenn.

.....Capacity 90,000 Hides.

THE

New York and Pennsylvania Company

ARE THE MANUFACTURERS
OF THE

WHITE PAPER
USED IN THE
WORLD
ALMANAC.

OFFICES IN THE TIMES BUILDING, - NEW YORK.

ASPHALT RUBBER ROOFING PAINT

Unequalled for Iron, Tin, Steel, or Felt Roof. Fire-Proof or Water-Proof.

WORLD'S FAIR AWARD:

We are the only Asphalt Rubber Roofing Company awarded Medal and Diploma for Asphalt Rubber Roofing Paint, at the World's Columbian Exposition at Chicago in 1893.

WARRANTED. A written Guarantee of 20 years is given with this Paint.

ASPHALT RUBBER PAINT CO.,

219 4½ St., N. W., Washington, D. C.

Branches: Baltimore, Md., and Philadelphia, Pa.

Mention WORLD ALMANAC. Send for Catalogue B.

F. W. DEVOE & CO.'S

Artists' Tube Colors.

CANVAS, ACADEMY BOARDS, FINE BRUSHES for OIL and WATER-COLOR PAINTING, etc.

"The Standard Quality."

Fill your sketch box with F. W. Devoe & Co.'s Tube Colors. F. W. Devoe & Co.'s Colors are ground to that consistency desired by professional artists.

Supplies for . . .

CHINA PAINTING, MODELING, ETCHING, PEN-AND-INK DRAWING, PYROGRAPHY, MINIATURE PAINTING. EVERYTHING IN ARTISTS' MATERIALS. PAINTS AND VARNISHES.

Send for Catalogue.

Fulton St., cor. William, NEW YORK.

176 Randolph St., CHICAGO.

PURE TINTS, LASTING COLORS, DURABLE PAINT,

are obtainable only by the use of ZINC WHITE.
Combination paints based on Zinc White do not discolor and do not chalk off.
Tints and shades made with such paints do not alter.
Durability of material and permanence of color are obtainable only by the use of Zinc White.
For outside use such combinations give longer wear than any "straight" paint.
For inside use the substitution of any other white pigment for Zinc White is inexcusable.

THE NEW JERSEY ZINC CO., 71 Broadway, New York City.

FREE: Our Pamphlets—
"THE PAINT QUESTION."
"PAINTS IN ARCHITECTURE."
"HOUSE PAINTS."

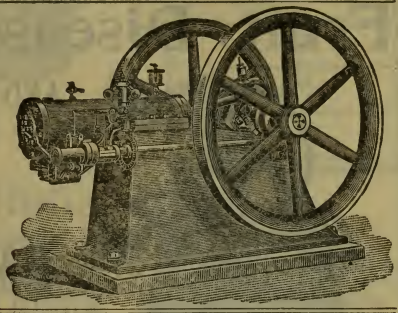
GAS AND GASOLINE

ENGINES.

OBSERVE ITS SIMPLICITY.

Can take up its load on any revolution and has closest regulation. Is far more convenient and less expensive to run and is adapted to all uses to which steam power is applied.

Send for Catalogue "M."



COLUMBUS MACHINE CO.,
Columbus, Ohio.

THE UNION SELLING CO.,

Distributors of CORDAGE

14-20 STATE STREET, - NEW YORK.

...Handling the Entire Product of the...

STANDARD ROPE & TWINE CO.'S MILLS.

Branch Offices at which Full Stocks are Carried:

BALTIMORE, MD.	MINNEAPOLIS, MINN.	PITTSBURGH, PA.	OMAHA, NEB.
TOLEDO, O.	KANSAS CITY, MO.	CINCINNATI, O.	FORT WORTH, TEX.
INDIANAPOLIS, IND.	BOSTON, MASS.	CHICAGO, ILL.	LONDON, ENGLAND.

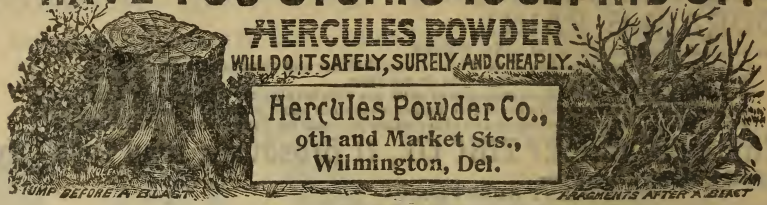
THE ABOVE

XXX BOLSTER SPRING

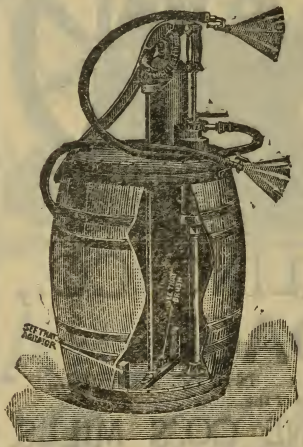
Is known all over the world and needs no comment. We manufacture it and make prices so low they will surprise you. Write us for particulars. Jobbers' trade solicited.

BELLE CITY BOLSTER SPRING CO., Cor. Racine and 15th Sts., Racine, Wis.

HAVE YOU STUMPS TO GET RID OF?



Fruit Diseases Prevented



AND INSECTS DESTROYED BY

Spraying

with the

EMPIRE KING AND....

Garfield Knapsack.

Finest in the SPRAY, most thorough in the STIRRING, easiest in the WORK, are the excellent characteristics of our Pumps. Booklet free for the asking.

FIELD FORCE PUMP CO.,

99 Market St., LOCKPORT, N. Y.

1900 Davis 1900

CREAM SEPARATOR

Makes the work easy and profitable to the dairy farmer. Agents wanted. Catalogues free.

Davis Cream Separator Co.,

88-90-92 W. JACKSON STREET, CHICAGO.

THE PERFECTION VENTILATOR.

EFFICIENT,
STRONG,
DURABLE,
STORM-PROOF,
HANDSOME.

Price Interesting.

SEND FOR
CIRCULAR.

For....
CHURCHES,
SCHOOLS,
PUBLIC BUILDINGS,
FACTORIES,
FOUNDRIES,
CARS,
SHIPS,
Etc.

Made by **BERGER BROS. CO.,**
Tinners' and Roofers' Supplies,
231 and 237 ARCH STREET, PHILADELPHIA.

THE DEFENDER SAFETY WINDOW CO.,

68 MONTGOMERY STREET, JERSEY CITY, N. J.

We have a window that can be reversed and cleaned from the inside. Storm proof against wind, water, and dust, also slides up and down, the same as present windows, with weights, cords, etc. Old windows can be easily changed. It is considered the best, simplest, strongest, and cheapest window in the market.

INDORSED WHEREVER SHOWN OR SEEN.

When you need a Corner Guard remember

THE DEFENDER STEEL CORNER GUARD FOR PLASTER CORNERS.

Entirely New.

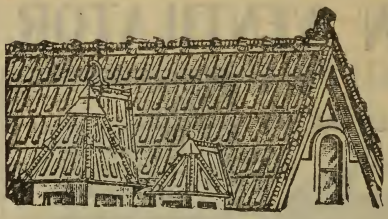
M. D. HALPIN, Agt., 62 Reade St., New York.

PATENTED.

The Victor Bottle Stopper Co.,

68 MONTGOMERY STREET, JERSEY CITY, N. J.,

Have the most complete line of up-to-date BEER and SODA STOPPERS in the country. Send for all data.



Above roof covered with our "Victor" Metal Tiles.

Montross Metal Tiles.

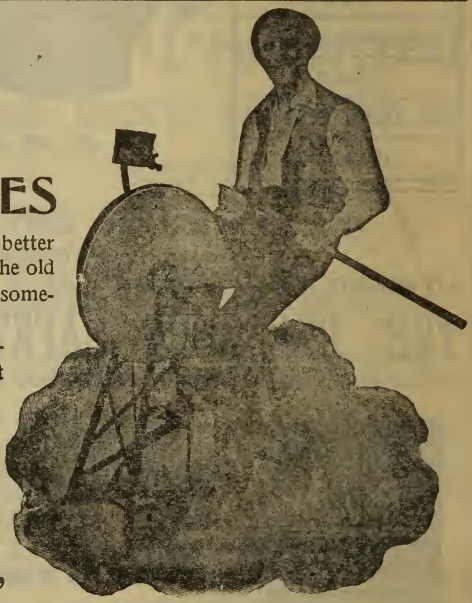
The Best Roof Covering in the World.

Indorsed by Leading Architects for Artistic Effect, Cheapness, Durability. Made with Montross Telescope Side Locks. Perfectly Storm-Proof.

Write us for Catalogue "A L."

Montross Metal Shingle Co., 200 ERIE STREET, CAMDEN, N. J.

VELOX BALL BEARING GRINDSTONES



Enable one man to do more and better work than two men can do with the old style, and you don't have to wait for somebody to turn.

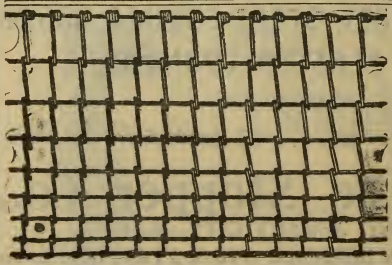
They are made from steel throughout, are mounted with the very best stones, and are warranted.

Write for prices.

VELOX MACHINE WORKS,

307-321 Dearborn St., Chicago.

Mention WORLD ALMANAC.



The "DEWEY" Fence Machine.

PRICE, $1.50.

Makes any kind of fence that can be made out of wire. Puts in wood stays, or steel picket, or an all-wire fence. Makes cattle, hog, or poultry fence. Makes the cheapest fence that can be made out of wire. Puts stays any distance apart desired. Makes any height fence. Shipped to any point on receipt of price, $1.50.

J. A. MITCHELL, Room 45, Louis Block, Dayton, O.

$30 BIG MONEY SAVED BY BUYING OUR BUGGIES.

This Custom-made Top Buggy for $30.00. A strictly *high grade* buggy made from selected material and fitted with the famous U. S. iron-clad wheels, which surpass any wheel in market.

We also manufacture a hundred other styles of *Buggies*, as well as *Surreys*, *Phaetons*, *Carts*, *Wagons*, and all kinds of *Harness*.

We sell a *Leather ¼-Top Buggy for* $41.50; a *Surrey for* $50.00, and high grade *Screwed Rim Wheels* for $6.50 a full set. *A Buggy Top* for $6.00.

Remember that when you place your order with us you are buying direct from the factory at a *wholesale factory price*, and you save the dealers' profit.

Write for our illustrated catalogue. *We can save you money.* Agents wanted.

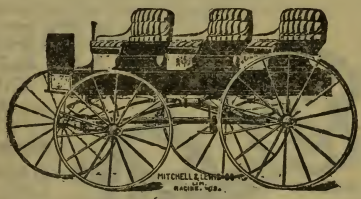
U. S. BUGGY AND CART CO., P. 12, Cincinnati, O.

THE MITCHELL WAGON.

Farm and
Freight Wagons
For any Country.

ESTABLISHED SIXTY YEARS.

Spring Wagons,
Delivery Wagons,
Truck Wagons.



Catalogues Free.

MITCHELL & LEWIS CO., Ltd.,

601 Centre Street, - - - RACINE, WIS., U. S. A.

Mention WORLD ALMANAC.

Cheaper to buy new than repair old—WHY?

BECAUSE:

$7.50 buys 4 Buggy Wheels, 7-8 in. Steel Tire.
$8.00 buys 4 Carriage Wheels, 1 in. Steel Tire.

Repairing soon eats up the price of new.
Our wheels stand the racket.
We give full value for money.
We can furnish axles and set boxes properly. Write for new price list No. 14 and directions for measuring.

WILMINGTON WHEEL CO.,

Wilmington, Del.

DON'T BE A ROBBER!

Husband the fertility of your farm and every time you plant seed you will get a paying crop.

Strange how a man will take crop after crop off the farm, putting nothing back, and then expect to be prosperous. If you handled the manure you have on the farm properly, results would be different and you should not need to be be buying commercial fertilizer.

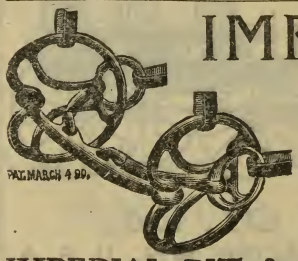
The KEMP MANURE SPREADER

Will Double and Treble the Value of the Manure Heap.

It spreads all kinds of fine and coarse manure evenly; makes no "skips;" does not dump a great load in one spot, but covers the entire ground evenly. Tears up coarse and lumpy manure and makes it fine. Better than anybody can do it by hand. Spreads lime, wood ashes, salt, etc., equally well. With the drill attachment it puts the manure direct into the open drill. Made in three convenient sizes. Ask the opinion of anybody that uses one. Write for illustrated catalogue.

Kemp & Burpee Mfg. Co., Box 115, Syracuse, N. Y.

IMPERIAL BIT.

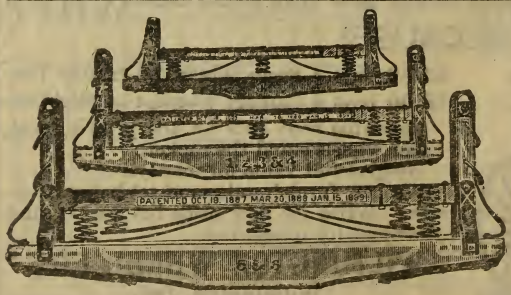


With this bit the most *vicious* and *unmanageable* horse can be driven with perfect safety by a lady. Its peculiar construction gives the driver 100 % more leverage than can be found in any other bit. It is a positive cure for *Tongue Lolling,* and will prevent *side pulling* and driving on one line.

Samples sent postpaid on receipt of price. Fine Nickel plate, $2; in X C plate and Rubber, $1.

IMPERIAL BIT & SNAP CO., Racine, Wis., U. S. A.

Mention WORLD ALMANAC. BOX A 25.



PATENT adjustable ends which can be extended if stakes spread, or can be changed from one wagon to another.

A combination of elliptic and spirals so adjusted that light or heavy loads are carried with equal buoyancy.

Mention WORLD ALMANAC.

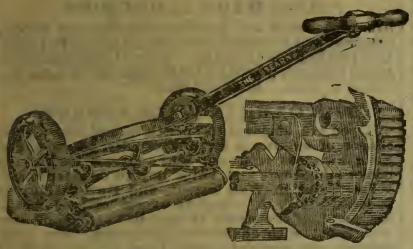
Racine Economy Spring Co.,

FIFTH AND MAIN STREETS, RACINE, WIS., U. S. A.

STEARNS

BALL-BEARING

LAWN MOWER.



PATENT APPLIED FOR.

The Standard
High-Class
Lawn Mower
of the World.

There is the same reason for the use of ball bearings in a lawn mower that there is in a bicycle—*to make it run easy.*
The Stearns Ball-Bearing Mower sells as easy as it runs.
Dust proof, hardened and ground bearings.
Patent ball retainers.
Solid malleable cylinder arms and roller arms.
Every part made on the interchangeable plan.
Handles and rollers of thoroughly seasoned stock.
Knife steel, the finest ever used on lawn mowers.
Stationary knife of crucible steel.
Cylinder knives special analysis open-hearth steel.
9 1-2 inch wheels.
Finished in lustrous and lasting bicycle enamel, *baked on in steam ovens.* The body of the mower a rich olive; the wheels in Stearns orange, the underside of each cylinder knife also in orange; handsomely striped. The most attractive color scheme ever used on a lawn mower. Ask your dealer for them.

E. C. STEARNS & COMPANY,

SYRACUSE, N. Y., - U. S. A.

Ogilvie's New Publications.

Two Hundred Old-Time Songs.

This volume contains the *words and music* of choicest gems of the old and familiar songs we used to sing when we were young. It has been arranged with great care, and we have no hesitation in saying that it is the best book of the kind published. This book of 176 pages, containing the words and music of 200 songs, will be sent by mail, postpaid, upon receipt of price. Paper cover, 25 cents; cloth, 75 cents.

A WONDERFUL OFFER.

2,269 Pages for 65 Cents.

Remarkable, but true. We will, for 65 cents, send the Leather Stocking Tales, by Cooper, comprising the five separate books, The Deerslayer, The Pathfinder, The Pioneer, The Prairie, The Last of the Mohicans, set in large long primer type, and each bound in heavy lithograph paper covers. Sent, postpaid, for 65 cents, and money refunded if you are not satisfied.

"IN HIS STEPS,"

by CHARLES M. SHELDON. We will send this book bound in paper cover by mail, postpaid, for 15 cents each, or $1.50 per dozen. Bound in cloth, 35 cents per copy. Agents wanted to sell it, to whom we offer liberal terms.

HOW TO MAKE MONEY

ALTHOUGH A WOMAN. This book gives hints and helps how women, married or single, can make money easily in their own homes. Sent by mail, postpaid, on receipt of 25 cents.

400 RECITATIONS

AND READINGS. We will send to any address, on receipt of 35 cents, a handsome book, bound in paper cover, and containing 400 of the best recitations ever issued.

HOW TO GET MARRIED ALTHOUGH A WOMAN;

Or, the Art of Pleasing Men.—By "A Young Widow." A new book that every woman will buy. Price, 25 cents.

MRS. MARY J. HOLMES'

five best books are Lena Rivers, Meadow Brook, Tempest and Sunshine, Homestead on the Hillside, and The English Orphans. We will send these five books by mail, postpaid, for 60 cents, or 15 cents for either of them. Stamps taken.

THE GAME IN WALL STREET.

If you are disposed to speculate and take a good chance of making a fortune rapidly, you ought to get a few ideas from our new and very instructive book giving hints and helps how to do it, entitled: "The Game in Wall Street, and How to Play It Successfully." A complete expose of pool methods, and how thousands of men have made money, illustrated with charts and diagrams. The most original and complete work ever written on Wall Street. This is a revelation to the amateur, and will help him to make a fortune. 12mo, 100 pages. Handsomely bound in cloth. Price, $1.00.

ARE YOU MARRIED?

If you are married, or thinking about getting married, you ought to have Dr. Parker's New Marriage Guide, which contains valuable and necessary information, the knowledge of which will save many dollars to you. It contains 200 pages, bound in cloth. It will be sent to any address on receipt of $1.00; paper cover, 50 cents.

SCIENCE OF A NEW LIFE.

This is a most valuable book, written by John Cowan, M. D., and dealing with the subject of marriage. It is highly commended by leading medical and religious critics. 400 pages; 100 illustrations. Price, $3.00. Descriptive circular sent free on application.

A $5.00 Book for $1.00. How to Build a House. Be your own Architect.

This book will save you hundreds of dollars. If you are thinking of building a house you ought to buy the new book, PALLISER'S AMERICAN ARCHITECTURE; or, Every Man a Complete Builder. Prepared by Palliser, Palliser & Co., the well-known architects.

There is not a builder, or any one intending to build, or otherwise interested, that can afford to be without it. It is a practical work, and the best, cheapest, and most popular book ever issued on building. Nearly four hundred drawings. A $10 book in size and style, but we have determined to make it meet the popular demand, to suit the times.

It contains 104 pages, 11x14 inches in size, and consists of large 9x12 plate pages, giving plans, elevations, perspective views, descriptions, owners' names, actual cost of construction, *no guess work*, and instructions HOW TO BUILD 37 cottages, villas, double houses, brick block houses, suitable for city suburbs, town, and country, houses for the farm, and workingmen's homes for all sections of the country, and costing from $800 to $6,500; also, barns, stables, schoolhouse, town hall, churches, and other public buildings, together with specifications, form of contract, and a large amount of information on the erection of buildings, selection of site, employment of architects. It is worth $5 to any one, but we will send it in paper cover by mail, postpaid, on receipt of $1.00.

Any of the books advertised on this page will be sent to any address by mail, postpaid, on receipt of price. Postage stamps taken the same as cash; one-cent stamps preferred. Address all orders to

J. S. OGILVIE PUBLISHING COMPANY, 37 Rose Street, New York.

Send to us for Catalogue of Useful and Popular Books. Mailed free to any address.

EXCELSIOR EDUCATIONAL AND TECHNICAL BOOKS.

"HOT WATER HEATING, STEAM AND GAS FITTING,"

and

"ACETYLENE GAS GENERATION AND DISTRIBUTION."

BY J. J. LAWLER
AND
G. T. HANCHETT.

For Plumbers, Steam and Gas Fitters, Architects, Apprentices, and Householders, containing practical information of all the **modern** principles involved in the construction of **Steam** or **Hot Water** Plants, the generation and distribution of **Acetylene Gas,** and how to do properly **Gas Fitting.**

Everything explained in the most simple language, so that it will be impossible to misunderstand anything.

Containing 320 pages, large 12 mo, cloth, elegantly illustrated. Price, **$2.00.**

GERMAN AT A GLANCE.
FRENCH AT A GLANCE.
ITALIAN AT A GLANCE.

A new system on the most simple principles for self-tuition, with English pronunciation for each word, 96 pages each. Price 25 cents (for each Language).

EXCELSIOR WEBSTER POCKET SPELLER AND DEFINER

of the ENGLISH LANGUAGE. **Over 28,000 words.** This work gives the correct orthography and definition of all the words in common use. It is not a reprint, but has been carefully prepared to meet the general want for a book of this kind; and for the space it occupies, has no superior in the publishing world; containing 320 pages, double column, size 5x2⅝ inches, neatly bound in Russia Leather and **Indexed.**

Price, 50 Cents. Leatherette, Price, 25 Cents.

SPANISH AT A GLANCE.

This is conceded to be the best self-instructor in Spanish that has ever been made. It enables one, without any other aid whatever, to learn more in a week of the Spanish language than he can learn in a month with an ordinary teacher and text-books.

The pronunciation of every Spanish word is shown in English.

Concise, Explicit, Practical, and Thorough.

96 pp., 12 mo, paper cover. Price, **25** cents.

ANY OF THE ABOVE BOOKS SENT POST-PAID ON RECEIPT OF PRICE. DESCRIPTIVE CATALOGUE FREE.

EXCELSIOR PUBLISHING HOUSE,

T. J. CAREY & CO., Proprietors,

P O. Box 1144. 6 Murray Street, New York.

FOR NEWSPAPERS.

Our specialty is catering to the wants of live newspaper offices. Our line is Printing Material of all kinds, Stereo. and Photo-Engraving Machinery, Self-Inking Proof Presses, Woodwork, Brass Rule, Leads, and Type.

"Wesel Quality" is the best quality.

F. WESEL MFG. CO.,

82 Fulton St., N. Y.

AMERICAN LITHOGRAPHIC CO.,

19th St. and 4th Ave., New York.

....Lithography in All Branches....

CORRESPONDENCE SOLICITED.

You Need a Shot Gun Cleaner.

BECAUSE you should clean your barrels inside not only after shooting, but now and then when not in use, as they "pit" from just this neglect.

BECAUSE those streaks of lead and rust must be removed if you don't want trouble and expense of sending barrels to the factory for costly repairs. A close examination will often reveal lead streaks, also rust.

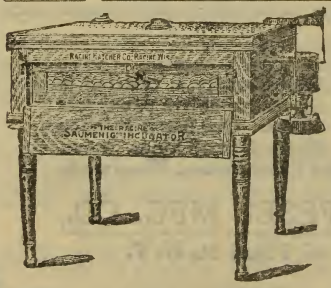
You Should Get a TOMLINSON.

BECAUSE the Tomlinson has a simple, common-sense principle, using brass wire gauze (wrapped over wood) sides which are hard enough to cut all foreign substance from the barrels, yet too soft (brass) to injure them in any way.

BECAUSE the Tomlinson will last FOREVER, as sides can be replaced when worn (they will clean a gun a great many times) for 10 cents per pair. Tomlinson incloses an extra pair of sides, also tool for rag with each cleaner. Fits all rods. Gauges 8 to 20. Price, $1.00. Any dealer, or prepaid by mail. Send postal for booklet telling more about the Tomlinson; also what such experts as Fred. Gilbert, Chas. Budd, Ed. Fulford, and others have to say about the best, cheapest, and most popular cleaner on the market.

USED EVERYWHERE IN THE CIVILIZED WORLD.

I. J. TOMLINSON, - 132 Cortland Ave., Syracuse, N. Y.



The Racine Saumenig INCUBATORS

bring success to poultrymen, fanciers, and farmers for the reason that they are

Incubators that Incubate

and will hatch every hatchable egg. These machines are not experiments. **They have proven their superior worth** under all conditions and are guaranteed to satisfy. They are simplest in design, **easiest to operate,** and positively self-regulating. Made in four sizes, 50 to 300 egg capacity. Our

Racine Saumenig Indoor Tank and Pipe Brooders are bread winners because they **raise every chick to strong, vigorous maturity.** The high quality and low price of our machines surprises every one. Send at once for our book, **"Poultry Pointers,"** worth $$, but sent for a 2c. stamp.

RACINE HATCHER COMPANY, - - - Box 76, Racine, Wisconsin.

Instead of Paying High Prices

on your Carriage, Buggy, Wagon, Harness Plows, Harrows, Cultivators, Shellers, Land Rollers, Engines, Boilers, Corn Huskers, Feed Cutters, Powers. etc., suppose you try our liberal plan of buying direct at Factory Prices.

You assume no risk as we ship anywhere subject to *"Approval"* and examination, to be returned at our expense if not exactly as represented.

Our large illustrated catalogue is sent free to any address. It will pay you well to write for it to-day.

Everything the best and fully warranted.

JOHN DORSCH & SONS,

205 E. Wells St., Milwaukee, Wis.

606

277 05/99 99
32252 BUI
ICC INFORMATION CONSERVATION, INC.

UNIVERSITY OF ILLINOIS-URBANA
3 0112 045825780